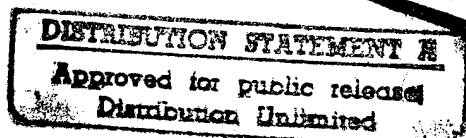


**INSTALLATION RESTORATION
PROGRAM (IRP) SITE
INVESTIGATION REPORT FOR
IRP SITE NO.1 AND AREA
OF CONCERN (AOC) NO.1**

VOLUME II

APPENDICES A-G

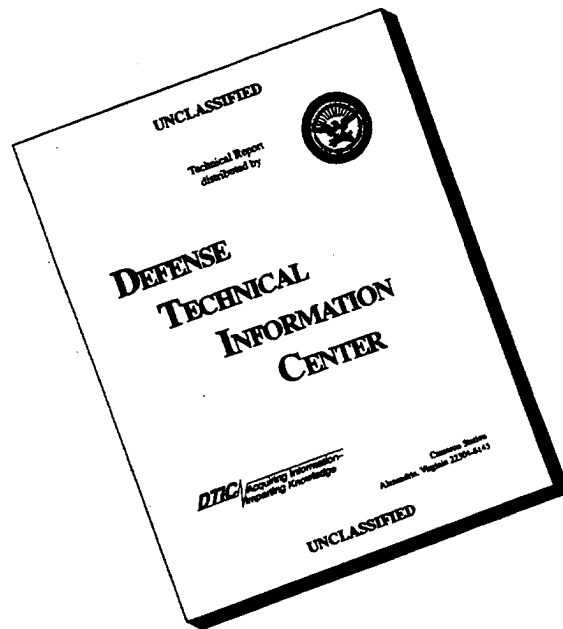
**261st COMBAT COMMUNICATIONS SQUADRON
CALIFORNIA AIR NATIONAL GUARD
SEPULVEDA AIR NATIONAL GUARD STATION
VAN NUYS, CALIFORNIA
JANUARY 1996**



Prepared For
**HQ ANG/CEVR
ANDREWS AFB, MARYLAND**

19960610 153

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REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188	
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1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE January 1996		3. REPORT TYPE AND DATES COVERED Site Investigation Report
4. TITLE AND SUBTITLE Site Investigation Report for IRP Site No. 1 and AOC No. 1, California Air National Guard, 261st CCS, Sepulveda Air National Guard Station, Van Nuys, CA, Volume II			5. FUNDING NUMBERS	
6. AUTHOR(S) NA				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Operational Technologies Corp. 4100 N.W. Loop 410, Suite 230 San Antonio, TX 78229-4253			8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) ANG/CEVR 3500 Fitch Avenue Andrews AFB MD 20762-5157			10. SPONSORING/MONITORING AGENCY REPORT NUMBER	
11. SUPPLEMENTARY NOTES DTIC QUALITY INSPECTED 2				
12a. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution is unlimited			12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) Site Investigation Report Appendices for IRP Site No. 1 and AOC No. 1, California Air National Guard, California Air National Guard, 261st CCS, Sepulveda Air National Guard Station, Van Nuys, CA, Volume II. This is the second volume of a two volume site investigation report. The sites were investigated under the Installation Restoration Program. Soil samples were collected and analyzed. An Engineering Evaluation/Cost Analysis was recommended to fully delineate the extent of contamination and conduct remediation activities, if required. Volume II contains the analytical data, boring logs, and QA/QC logs.				
14. SUBJECT TERMS Installation Restoration Program; Comprehensive Environmental Response, Compensation and Liability Act (CERCLA); Air National Guard; Site Investigation, California Air National Guard; Van Nuys, California			15. NUMBER OF PAGES 175	
			16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT Unclassified		18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified		19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified
				20. LIMITATION OF ABSTRACT None

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G - Grant	TA - Task
PE - Program Element	WU - Work Unit Accession No.

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Block 10. Sponsoring/Monitoring Agency Report Number. (If known)

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**INSTALLATION RESTORATION
PROGRAM (IRP) SITE
INVESTIGATION REPORT FOR
IRP SITE NO.1 AND AREA
OF CONCERN (AOC) NO.1**

VOLUME II

APPENDICES A-G

**261st COMBAT COMMUNICATIONS SQUADRON
CALIFORNIA AIR NATIONAL GUARD
SEPULVEDA AIR NATIONAL GUARD STATION
VAN NUYS, CALIFORNIA**

JANUARY 1996

Prepared For

**HQ ANG/CEVR
ANDREWS AFB, MARYLAND**

Prepared By

**Operational Technologies Corporation
4100 N.W. Loop 410, Suite 230
San Antonio, Texas 78229-4253
(210) 731-0000**

APPENDIX A
SOIL VAPOR SAMPLING RESULTS



ENVIRONMENTAL
GEOCHEMISTRY

CHAIN-OF-CUSTODY RECORD

P.O. #: 940437

CLIENT: OFFICIALS, FEDERAL AGENTS
ADDRESS: 4100 NW 14th Ave 230 S.W. - Miami, FL 33127
PHONE: (210) 731-0000 FAX: (210) 731-0008
CLIENT PROJECT #: 210-008 PROJECT MANAGER: JOHN MUELLER

DATE: 6/6/74 PAGE 1 OF 2
TEG PROJECT #: 94066672
LOCATION: SEPULVEDA AIR NATL GUARD VAMP
COLLECTOR: S. WASSER DATE OF COLLECTION: 6/6/74

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES	VOA 601/8010	VOA 602/8020	Semi: Vol 625/8270	TPH 418.1	TPH 8015 (diesel)	TPH 8015 (gasoline)	PNA 610/8100	HEX CHROME	ORGANIC LEAD	TOTAL LEAD	ASBESTOS	FIELD NOTES	Total Number	Of Containers	Laboratory Note Number
SV-14	5	1147	VALU	SYNTHETIC	X	X	X	X	X	X	X	X	X	X	X	X				
SV-14	10	1205			X	X	X	X	X	X	X	X	X	X	X	X				
SV-14	15	1234			X	X	X	X	X	X	X	X	X	X	X	X				
SV-14	20	1347			X	X	X	X	X	X	X	X	X	X	X	X				
SV-12	5	1504			X	X	X	X	X	X	X	X	X	X	X	X				
SV-12	10	1521			X	X	X	X	X	X	X	X	X	X	X	X				
SV-12	15	1536			X	X	X	X	X	X	X	X	X	X	X	X				
SV-12	20	1550			X	X	X	X	X	X	X	X	X	X	X	X				
SV-12	5	1412			X	X	X	X	X	X	X	X	X	X	X	X				
SV-12	10	1425			X	X	X	X	X	X	X	X	X	X	X	X				
SV-12	15	1440			X	X	X	X	X	X	X	X	X	X	X	X				
SV-12	20	1457			X	X	X	X	X	X	X	X	X	X	X	X				
SV-12	5	1515			X	X	X	X	X	X	X	X	X	X	X	X				
SV-12	10	1527			X	X	X	X	X	X	X	X	X	X	X	X				
SV-12	15	1544			X	X	X	X	X	X	X	X	X	X	X	X				
SV-12	20	1609			X	X	X	X	X	X	X	X	X	X	X	X				
SV-10	5	1623			X	X	X	X	X	X	X	X	X	X	X	X				
SV-10	10	1637			X	X	X	X	X	X	X	X	X	X	X	X				

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
SAMPLE DISPOSAL INSTRUCTIONS			
<input type="checkbox"/> TEG DISPOSAL @ \$2.00 each <input type="checkbox"/> Return <input type="checkbox"/> Pickup			
TOTAL NUMBER OF CONTAINERS			
CHAIN OF CUSTODY SEALS Y/N/A			
SEALS INTACT? Y/N/A			
RECEIVED GOOD COND./COLD			
NOTES:			

LABORATORY NOTES:

CLIENT: DIFFERENTIAL TECHNOLOGIES
ADDRESS: 4100 NW LOOP 410 STE 330 NW MIAMI FL
PHONE: (310) 731-0000 FAX: (310) 731-0000 TEL: 731-4100
CLIENT PROJECT #: N.N.G. PROJECT MANAGER: JOHN NURELL

DATE: 6/6/74 PAGE 2 OF
 TEG PROJECT #: PA6606T2
 LOCATION: EPILYDA AID NATI GUARD VAN
WAYS
 COLLECTOR: C. WISSER DATE OF COLLECTION: 6/6/74

[illegible]

LABORATORY NOTES:

SAMPLE RECEIPT

TOTAL NUMBER OF CONTAINERS	
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
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14	14
15	15
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97	97
98	98
99	99
100	100

CHAIN OF CUSTODY SEALS Y/N/NA

SEALS INTACT? Y/N/NA

RECEIVED GOOD COND./COLD

NOTES:

DATE/TIME

RECEIVED BY (Signature)

DATE/TIME

RECEIVED BY: (Signature)

SAMPLE DISPOSAL INSTRUCTIONS

☐ TEG DISPOSAL @ \$2.00 each ☐ Return ☐ Pickup



ENVIRONMENTAL
GEOCHEMISTRY

CHAIN-OF-CUSTODY RECORD

P.O. #: 940437

CLIENT: California Technologies
ADDRESS: 4100 W. 4th St. #200 Los Angeles, CA 90020
PHONE: (213) 731-0000 FAX: (213) 731-0008
CLIENT PROJECT #: 500000 PROJECT MANAGER: Steve M. G.

DATE: 6/7/94 PAGE 1 OF 2
TEG PROJECT #: 94060072
LOCATION: California Air Natl Guard Van Nuys
COLLECTOR: SWANSON/M. P. R. R. DATE OF COLLECTION: 6/7/94

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES	VOA 6018010	VOA 60218020	VOA 62418220	TPH 418.1	TPH 8015 (petrol)	TPH 8015 (diesel)	PMA 61018100	PEST/PCBs 8080	ORGANIC LEAD	TOTAL LEAD	PB	ASBESTOS	FIELD NOTES	Total Number Of Containers	Laboratory Note Number	
101	5	0600	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
102	10	0610	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
103	15	0630	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
104	20	0640	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
105	5	0702	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
106	10	0710	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
107	15	0730	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
108	20	0740	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
109	5	0750	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
110	10	0802	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
111	15	0811	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
112	20	0817	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
113	5	0821	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
114	10	0840	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
115	15	0853	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
116	20	0906	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
117	5	0922	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
118	10	0939	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
119	15	0950	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
120	20	1000	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
121	5	1010	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
122	10	1012	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
123	15	1021	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
124	20	1031	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
125	5	1047	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
126	10	1051	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
127	15	1100	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
128	20	1110	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
129	5	1121	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
130	10	1140	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
131	15	1153	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
132	20	1206	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
133	5	1222	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
134	10	1239	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
135	15	1250	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
136	20	1256	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
137	5	1300	VMC	CHLORAL	X	X	X	X	X	X	X	X	X	X	X	X	X	X			



CHAIN-OF-CUSTODY RECORD

P.O. #: 746437

DATE: 6/7/74 PAGE 2 OF 2
 TEG PROJECT #: 7466672
 LOCATION: FILLER DA AIR NAT'L CEMET
 COLLECTOR: SUBSISTE M. F. F. DATE OF COLLECTION: 6/7/74

CLIENT: ENVIRONMENTAL TECHNOLOGIES
 ADDRESS: 4100 NW. Loop 410 IL 230 Springfield, IL 62761-4250
 PHONE: (710) 731 0000 FAX: (210) 731 0008
 CLIENT PROJECT #: C.N.E. PROJECT MANAGER: John Morris

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES										FIELD NOTES	Total Number Of Containers	Laboratory Note Number
					VOA 601/8010	VOA 602/8020	Semi Vol 623/8230	TPH 418.1	TPH 8015 (diesel)	TPH 8015 (gasoline)	PNA 610/8100	HEX/PCBS 8080	ORGANIC LEAD	TOTAL LEAD			
SV2	10	12:1	VALE	RINGE	X	X	X	X	X	X	X	X	X	X			
SV2	15	12:4			X	X	X	X	X	X	X	X	X	X			
SV2	20	12:4			X	X	X	X	X	X	X	X	X	X			
SV11	5	14:00			X	X	X	X	X	X	X	X	X	X			
SV11	10	14:40			X	X	X	X	X	X	X	X	X	X			
SV11	15	14:50			X	X	X	X	X	X	X	X	X	X			
SV11	20	15:05			X	X	X	X	X	X	X	X	X	X			
SV1	5	15:24			X	X	X	X	X	X	X	X	X	X			
SV5	10	15:37			X	X	X	X	X	X	X	X	X	X			
SV1	20	16:00			X	X	X	X	X	X	X	X	X	X			
SV1	5	16:25			X	X	X	X	X	X	X	X	X	X			
SV1	10	16:55			X	X	X	X	X	X	X	X	X	X			
SV5	15	17:32			X	X	X	X	X	X	X	X	X	X			
SV5	20	17:32			X	X	X	X	X	X	X	X	X	X			
SV5	15	17:45			X	X	X	X	X	X	X	X	X	X			
SV5	20	18:00			X	X	X	X	X	X	X	X	X	X			

slow down
slow down

LABORATORY NOTES:

SAMPLE RECEIPT
 TOTAL NUMBER OF CONTAINERS
 CHAIN OF CUSTODY SEALS Y/N/A
 SEALS INTACT? Y/N/A
 RECEIVED GOOD COND./COLD
 NOTES:

RELINQUISHED BY: (Signature) DATE/TIME 6/7/74
 RELINQUISHED BY: (Signature) DATE/TIME 6/7/74

SAMPLE DISPOSAL INSTRUCTIONS

☐ TEG DISPOSAL @ \$2.00 each ☐ Return ☐ Pickup



TRANSGLOBAL
ENVIRONMENTAL
GEOCHEMISTRY

OPERATIONAL TECHNOLOGIES
Sepulveda Air National Guard
Van Nuys, CA

TEG Project #940606T2

TPH (DOHS Mod. EPA Method 8015) & BTEX (EPA Method 8020) ANALYSES OF VAPOR

SAMPLE NUMBER	DATE ANALYZED	TIME SAMPLED	METHANE (PPMV)	TPH-VAPOR (PPMV)	BENZENE (PPMV)	TOLUENE (PPMV)	ETHYLBENZ (PPMV)	XYLENES (PPMV)
PROBE BLANK	06/06/94	11:39	3	ND	ND	ND	ND	ND
SV14 @ 5'	06/06/94	11:50	3	ND	ND	ND	ND	ND
SV14 @ 10'	06/06/94	12:08	4	ND	ND	ND	ND	ND
SV14 @ 15'	06/06/94	12:34	4	ND	ND	ND	ND	ND
SV14 @ 20'	06/06/94	12:51	4	ND	ND	ND	ND	ND
SV12 @ 5'	06/06/94	13:07	2	ND	ND	ND	ND	ND
SV12 @ 10'	06/06/94	13:22	5	ND	ND	ND	ND	ND
SV12 @ 15'	06/06/94	13:37	3	ND	ND	ND	ND	ND
SV12 @ 20'	06/06/94	13:54	8	ND	ND	ND	ND	ND
SV13 @ 5'	06/06/94	14:12	10,632	271	ND	ND	ND	ND
SV13 @ 10'	06/06/94	14:28	9,157	71	ND	ND	ND	ND
SV13 @ 15'	06/06/94	14:43	6,064	16	ND	ND	ND	ND
SV13 @ 20'	06/06/94	14:58	6,858	23	ND	ND	ND	ND
SV15 @ 5'	06/06/94	15:15	10	ND	ND	ND	ND	ND
SV15 @ 10'	06/06/94	15:28	25	ND	ND	ND	ND	ND
SV15 @ 15'	06/06/94	15:55	15	ND	ND	ND	ND	ND
SV15 @ 20'	06/06/94	16:09	23	ND	ND	ND	ND	ND
SV10 @ 5'	06/06/94	16:24	4	ND	ND	ND	ND	ND
SV10 @ 10'	06/06/94	16:38	5	ND	ND	ND	ND	ND
SV10 @ 15'	06/06/94	16:53	5	ND	ND	ND	ND	ND
SV10 @ 20'	06/06/94	17:11	2	ND	ND	ND	ND	ND
SV10 @ 20' DUP	06/06/94	17:24	3	ND	ND	ND	ND	ND

DETECTION LIMITS (PPMV) 1 1 0.50 0.50 0.50 0.50

ND INDICATES NOT DETECTED AT LISTED DETECTION LIMITS

ANALYSES PERFORMED ON-SITE IN TEG'S DOHS CERTIFIED MOBILE LABORATORY (CERT #1745)

ANALYSES PERFORMED BY: MS. STACIE WISSLER

DATA REVIEWED BY: DR. BLAYNE HARTMAN

Blayne Hartman
6-9-94



OPERATIONAL TECHNOLOGIES
Sepulveda Air National Guard
Van Nuys, CA.

TRANSGLOBAL
ENVIRONMENTAL
GEOCHEMISTRY

TEG Project #940606T2

TPH (DOHS Mod. EPA Method 8015) & BTEX (EPA Method 8020) ANALYSES OF VAPOR

SAMPLE NUMBER	DATE ANALYZED	TIME SAMPLED	METHANE (PPMV)	TPH-VAPOR (PPMV)	BENZENE (PPMV)	TOLUENE (PPMV)	ETHYLBENZ (PPMV)	XYLENES (PPMV)
PROBE BLANK	06/07/94	08:00	3	ND	ND	ND	ND	ND
SV5 @ 5'	06/07/94	08:11	14,685	1,658	1.99	ND	ND	ND
SV5 @ 10'	06/07/94	08:23	10,554	321	ND	ND	ND	ND
SV5 @ 15'	06/07/94	08:37	9,488	ND	ND	ND	ND	ND
SV5 @ 20'	06/07/94	08:56	6,527	ND	ND	ND	ND	ND
SV6 @ 5'	06/07/94	09:16	16,062	1,854	3.86	ND	ND	ND
SV6 @ 10'	06/07/94	09:37	13,584	915	1.36	ND	ND	ND
SV6 @ 15'	06/07/94	09:57	10,664	277	ND	ND	ND	ND
SV6 @ 20'	06/07/94	10:14	8,950	73	ND	ND	ND	ND
SV7 @ 7'	06/07/94	10:33	834	ND	ND	ND	ND	ND
SV4 @ 5'	06/07/94	11:24	12,582	678	ND	ND	ND	ND
SV4 @ 10'	06/07/94	11:42	9,899	218	ND	ND	ND	ND
SV4 @ 15'	06/07/94	11:55	8,727	ND	ND	ND	ND	ND
SV4 @ 20'	06/07/94	12:06	8,073	ND	ND	ND	ND	ND
SV3 @ 5'	06/07/94	12:24	10,225	131	ND	ND	ND	ND
SV3 @ 10'	06/07/94	12:38	4,929	ND	ND	ND	ND	ND
SV3 @ 20'	06/07/94	12:58	223	ND	ND	ND	ND	ND
SV2 @ 5'	06/07/94	13:17	24	ND	ND	ND	ND	ND
SV2 @ 10'	06/07/94	13:32	48	ND	ND	ND	ND	ND
SV2 @ 15'	06/07/94	13:46	89	ND	ND	ND	ND	ND
SV2 @ 20'	06/07/94	13:58	37	ND	ND	ND	ND	ND
SV11 @ 5'	06/07/94	14:28	3	ND	ND	ND	ND	ND
SV11 @ 10'	06/07/94	14:42	9	3	ND	ND	ND	ND
SV11 @ 15'	06/07/94	14:54	20	ND	ND	ND	ND	ND
SV11 @ 20'	06/07/94	15:07	15	ND	ND	ND	ND	ND
SV9 @ 5'	06/07/94	15:25	8,617	48	ND	ND	ND	ND
SV9 @ 10'	06/07/94	15:39	8,163	38	ND	ND	ND	ND
SV9 @ 20'	06/07/94	16:00	1,079	ND	ND	ND	ND	ND
SV1 @ 5'	06/07/94	16:26	10,660	346	ND	ND	ND	1.20
SV1 @ 10'	06/07/94	16:39	9,209	155	ND	ND	ND	ND
SV1 @ 15'	06/07/94	16:53	9,347	152	ND	ND	ND	ND
SV8 @ 5'	06/07/94	17:22	22	ND	ND	ND	ND	ND
SV8 @ 10'	06/07/94	17:35	22	ND	ND	ND	ND	ND
SV8 @ 15'	06/07/94	17:48	26	ND	ND	ND	ND	ND
SV8 @ 15' DUP	06/07/94	18:05	17	ND	ND	ND	ND	ND
SV8 @ 20'	06/07/94	18:16	31	ND	ND	ND	ND	ND

DETECTION LIMITS (PPMV) 1 1 0.50 0.50 0.50 0.50

ND INDICATES NOT DETECTED AT LISTED DETECTION LIMITS

ANALYSES PERFORMED ON-SITE IN TEG'S DOHS CERTIFIED MOBILE LABORATORY (CERT #1745)

ANALYSES PERFORMED BY: MS. STACIE WISSLER

DATA REVIEWED BY: DR. BLAYNE HARTMAN

Blayne Hartman
6-9-94

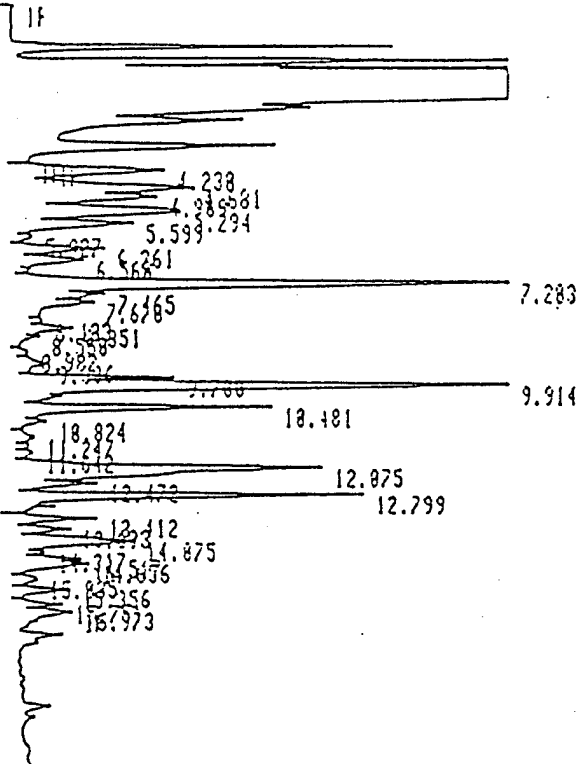
432 N. Cedros Ave., Solana Beach, CA 92075 Ph: (619) 793-0401 Fax: (619) 793-0404



TOTAL PETROLEUM HYDROCARBONS (EPA 8015m)

GASOLINE

RUN# 82 JUL 25, 1998 14:56
START



STOP

Closing signal file M:SIGNAL .BNC

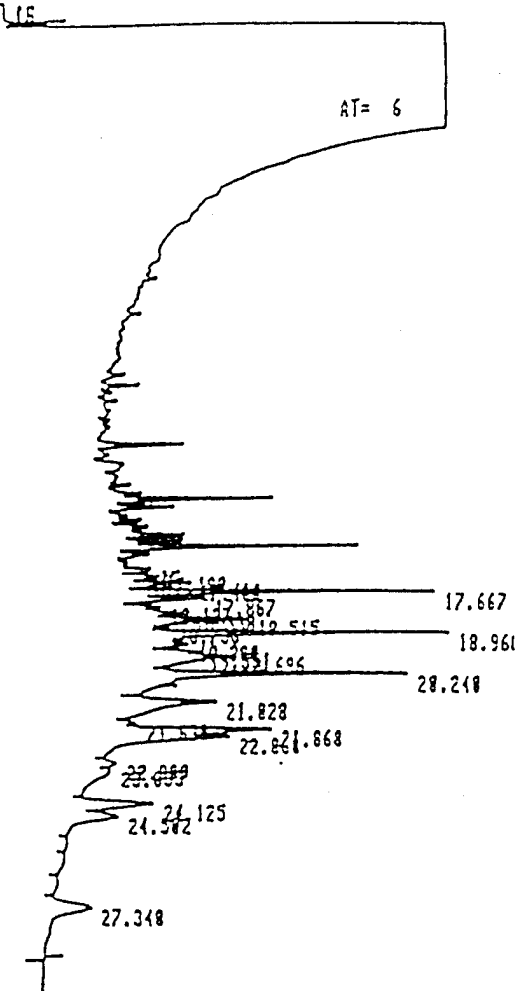
RUN# 82 JUL 25, 1998 14:58:41

SIGNAL FILE: M:SIGNAL.BNC

EPA METHOD 8015

DIESEL

* RUN# 6 SEP 11, 1998 16:15:03
START



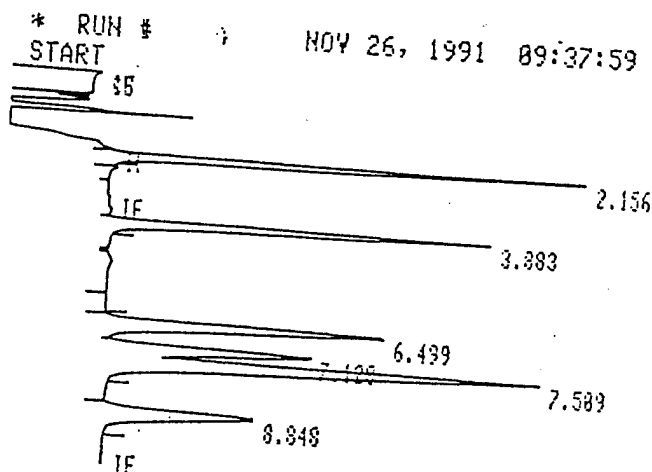
TIME TABLE STOP

Closing signal file M:SIGNAL .BNC

RUN# 6 SEP 11, 1998 16:15:03



VOLATILE AROMATIC HYDROCARBONS (EPA 602/8020)



TIMETABLE STOP

Closing signal file M:SIGNAL .BNC

RUN# 4 NOV 26, 1991 09:37:59

SIGNAL FILE: M:SIGNAL.BNC

EPA8020M

ESTD

RT	TYPE	AREA	WIDTH	HEIGHT
2.156	BB	413165	.094	73440
3.883	PB	366094	.137	44456
6.499	BB	387750	.200	32291
7.128	BB	288464	.178	19467
7.589	BB	545349	.200	45373
8.848	BB	278847	.265	17522

RT	CAL#	PPM	SOIL	NAME
2.156	1R	1.195		BENZENE
3.883	2R	1.221		TOLUENE
6.499	3R	1.201		CHLOROBENZ
7.128	4R	1.232		ETHYLBENZ
7.589	5R	2.342		M&P XYLENE
8.848	6R	1.250		O XYLENE

TOTAL AREA=2199569
MUL FACTOR=1.0030E+00

432 N. Cedros Ave., Solana Beach CA 92075 Ph: (619) 793-0401 Fax: (619) 793-0404

Transglobal Environmental Geochemistry

APPENDIX B
BORING LOGS

SECTION B.1 INTRODUCTION

Boring log diagrams have been compiled for each soil sampling location installed during this study. Diagrams are presented in numerical order. The borehole identification is keyed to the background location sample (BGLS), sampling boring (SB), or area of concern sampling location (AOCSL) designation (i.e., SB-1). The diagrams combine in one page both a verbal and graphical illustration of the lithology encountered during drilling and surveyed elevation of the ground surface at the borehole location.

The sample description includes the color, texture, mineralogy, moisture and consistency for each sample collected. The proportions of sand, gravel, and fines are visually estimated and described using the following semi-quantitative adjectives:

<u>Adjective</u>	<u>Estimated Percent of Total Sample</u>
Trace	0 - 5
Few	5 - 10
Little	15 - 25
Some	30 - 45
Mostly	50 - 100

Proportional adjectives precede the lithology, such as little gravel (15 - 25% gravel) and trace of silt (0 - 5% silt).

Lithologic symbols are derived and generalized from the Unified Soil Classification System shown in Figure B.1.

In the boring logs that follow, the column headings have the following meanings:

Depth:	Depth in feet below land surface.
Field Screening:	The reading of photoionization compounds detected in soil sample by a photoionization detector.
Sampled:	The interval of sample cored below land surface.
Percent Recovery:	The percentage of sample recovered in the split-spoon sampler per sampling run.

KEY TO BORING LOG SYMBOLS

UNIFIED SOIL CLASSIFICATION SYSTEM - ASTM D2487					
MAJOR DIVISIONS			SYMBOL/ GRAPHIC		DESCRIPTIONS
COARSE-GRAINED SOILS (>50% Smaller Than #200 Sieve)	GRAVELS (More than 50% of coarse fraction is larger than the #4 sieve size.)	Clean gravels with little or no fines	GW		Well-Graded Gravels, Gravel - Sand Mixtures
			GP		Poorly Graded Gravels, Gravels - Sand Mixtures
		Gravels with over 12% fines	GM		Silty Gravels, Poorly Graded Gravel-Sand-Clay Mixtures
			GC		Clayey Gravels, Poorly Graded Gravel-Sand-Clay Mixtures
	SANDS (More than 50% of coarse fraction is smaller than the #4 sieve size.)	Clean sands with little or no fines	SW		Well-Graded Sands, Gravelly Sands
			SP		Poorly Graded Sands, Gravelly Sands
		Sands with over 12% fines	SM		Silty Sands, Poorly Graded Sand-Silt Mixtures
			SC		Clayey Sands, Poorly Graded Sand-Clay Mixtures
FINE-GRAINED SOILS (>50% Smaller Than #200 Sieve)	SILTS AND CLAYS (Liquid limit less than 50)		ML		Inorganic Silts and Very Fine Sands, Silty or Clayey Fine Sands
			CL		Inorganic Clays of Low to Medium Plasticity: Gravelly, Sandy or Silty Clays; Lean Clays
			OL		Organic Clays and Organic Silty Clays of Low Plasticity
	SILTS AND CLAYS (Liquid limit greater than 50)		MH		Inorganic Silts, Micaceous or Diatomaceous Fine Sandy or Silty Soils, Elastic Silts
			CH		Inorganic Clays of High Plasticity Fat Clays
			OH		Organic Clays of Medium to High Plasticity, Organic Silts
	HIGHLY ORGANIC SOILS			Pt	



Shaded interval represents soil sample.



Blackened interval indicates portion of sample prepared for laboratory analysis.



Water Table Level

PID Photo-Ionization Detector readings (ppm)



Asphaltic Concrete



Portland Cement Concrete



Cement Grout



Boulders or Bedrock

DRAFT
FIGURE B.1

KEY TO BORING LOG
261st CCSQ, Sepulveda ANG
Van Nuys, California

OPTech
OPERATIONAL TECHNOLOGIES
CORPORATION

Sepulveda
Van Nuys, California

OPTECH

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CORPORATION

LOG OF BORING SB-1

Project No.: 1315-119	Sampling Method: Strataprobe Split Spoon
Logged By: John Morris	Depth Drilled: 21.0 Ft.
Drilling Co.: TEG	Depth To Water: NA
Driller:	Date Measured: NA
Date Drilled: 06/08/94	Surface Elevation: 716.33 Ft.
Drilling Method: Strataprobe	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0	.	100	■		Clay, silty, brown color.	0	0	-	-
5	.	100	×			0	0	17.54	0
10	.	100	×		- some sand, light brown color.	0	0	5.75	0
15	.	100	×			0	0	5.27	0
20	.	100	■			0	0	-	-
Boring Terminated at 21.0 ft.									

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LOG OF BORING SB-2

Project No.: 1315-119	Sampling Method: Strataprobe Split Spoon
Logged By: John Morris	Depth Drilled: 21.0 Ft.
Drilling Co.: TEG	Depth To Water: NA
Driller:	Date Measured: NA
Date Drilled: 06/08/94	Surface Elevation: 716.73 Ft.
Drilling Method: Strataprobe	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0	...	100	■		Silt, clayey, brown color.	0	0	-	-
5	...	100	×			0	0	34.99	0
10	...	100	×			0	0	4.98	0
15	...	100	×		- some sand, light brown color.	0	0	3.7	0
20	...	100	■			0	0	-	-
Boring Terminated at 21.0 Ft.									

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LOG OF BORING SB-3

Project No.:	1315-119	Sampling Method:	Strataprobe Split Spoon
Logged By:	John Morris	Depth Drilled:	21.0 Ft.
Drilling Co.:	TEG	Depth To Water:	NA
Driller:		Date Measured:	NA
Date Drilled:	06/08/94	Surface Elevation:	717.19 Ft.
Drilling Method:	Strataprobe		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
		100			Silt, clayey, dark brown color.	0	0	-	-
5		100				2	0	-	-
10		100				3	0	17.61	0
15		100			- some sand, light brown color.	0	0	11.32	0
20		100				0	0	34.25	0
					Boring Terminated at 21.0 Ft.				

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LOG OF BORING SB-4

Project No.: 1315-119	Sampling Method: Strataprobe Split Spoon
Logged By: John Morris	Depth Drilled: 21.0 Ft.
Drilling Co.: TEG	Depth To Water: NA
Driller:	Date Measured: NA
Date Drilled: 06/08/94	Surface Elevation: 717.95 Ft.
Drilling Method: Strataprobe	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0	...	100	■		Silt, clayey, dark brown color.	0	0	-	-
5	...	100	■			0	0	8.08	0
10	...	100	⊗			0	0	0.44	0
15	...	100	⊗		- some sand, light brown color.	0	0	1.06	0
20	...	100	■			0	0	1.58	0
Boring Terminated at 21.0 Ft.									

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LOG OF BORING SB-5

Project No.: 1315-119	Sampling Method: Strataprobe Split Spoon
Logged By: John Morris	Depth Drilled: 21.0 Ft.
Drilling Co.: TEG	Depth To Water: NA
Driller:	Date Measured: NA
Date Drilled: 06/08/94	Surface Elevation: 717.60 Ft.
Drilling Method: Strataprobe	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0		100			Silt, clayey, dark brown color.	0	0	-	-
5		100				0	0	2.14	0
10		100				0	0	19.05	1.95
15		100			- some sand, light brown color.	0	0	4.69	0
20		100				0	0	9.96	1.10
					Boring Terminated at 21.0 Ft.				

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LOG OF BORING SB-6

Project No.: 1315-119	Sampling Method: Strataprobe Split Spoon
Logged By: John Morris	Depth Drilled: 21.0 Ft.
Drilling Co.: TEG	Depth To Water: NA
Driller:	Date Measured: NA
Date Drilled: 06/08/94	Surface Elevation: 717.3 Ft.
Drilling Method: Strataprobe	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0		0			No Recovery.	0	0	-	-
5		100	X		Silt, clayey, brown color.	0	0	231.48	137.5
10		100	X			0	0	0	0
15		100	X		- light brown color.	0	0	8.99	0
20		100				0	0	-	-
Boring Terminated at 21.0 Ft.									

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LOG OF BORING SB-7

Project No.: 1315-119	Sampling Method: Strataprobe Split Spoon
Logged By: John Morris	Depth Drilled: 21.0 Ft.
Drilling Co.: TEG	Depth To Water: NA
Driller:	Date Measured: NA
Date Drilled: 06/08/94	Surface Elevation: 717.17 Ft.
Drilling Method: Strataprobe	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0		100			Silt, clayey, brown color.	1	0	7.62	0
5		100				0	0	8.82	0
10		100				0	0	2.66	0
15		100			- some sand, light brown color.	0	0	23.63	0
20		100				0	0	9.91	0
Boring Terminated at 21.0 Ft.									

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LOG OF BORING SB-8

Project No.:	1315-119	Sampling Method:	Strataprobe Split Spoon
Logged By:	John Morris	Depth Drilled:	21.0 Ft.
Drilling Co.:	TEG	Depth To Water:	NA
Driller:		Date Measured:	NA
Date Drilled:	06/08/94	Surface Elevation:	716.80 Ft.
Drilling Method:	Strataprobe		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0		100	X		Silt, clayey, brown color.	0	0	-	-
5		100				0	0	32.43	0
10		100	X			0	0	113.724	0
15		100	X		- some sand, light brown color.	0	0	167.0	0
20		100				0	0	-	-
Boring Terminated at 21.0 Ft.									

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LOG OF BORING SB-9

Project No.: 1315-119	Sampling Method: Strataprobe Split Spoon
Logged By: John Morris	Depth Drilled: 21.0 Ft.
Drilling Co.: TEG	Depth To Water: NA
Driller:	Date Measured: NA
Date Drilled: 06/08/94	Surface Elevation: 717.14 Ft.
Drilling Method: Strataprobe	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0	.	100	■		Silt, clayey, brown color.	0	0	6.10	0
5	.	100	■			0	0	-	-
10	.	100	⊗			0	0	5.7	0
15	.	100	⊗			0	0	0	0
20	.	100	■		- some sand.	0	0	3.601	0
Boring Terminated at 21.0 Ft.									

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LOG OF BORING SB-10

Project No.:	1315-119	Sampling Method:	Strataprobe Split Spoon
Logged By:	John Morris	Depth Drilled:	21.0 Ft.
Drilling Co.:	TEG	Depth To Water:	NA
Driller:		Date Measured:	NA
Date Drilled:	06/08/94	Surface Elevation:	717.05 Ft.
Drilling Method:	Strataprobe		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0		100			Silt, clayey, brown.	0	0	1.3	0
5		100				0	0	15.2	0
10		100				0	0	4.06	0
15		100			- some sand.	0	0	5.46	0
20		100				0	0	-	-
Boring Terminated at 21.0 Ft.									

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LOG OF BORING BGSL-01

Project No.: 1315-119	Sampling Method: Strataprobe Split Spoon
Logged By: John Morris	Depth Drilled: 21.0 Ft.
Drilling Co.: TEG	Depth To Water: NA
Driller:	Date Measured: NA
Date Drilled: 06/10/94	Surface Elevation: 714.44 Ft.
Drilling Method: Strataprobe	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0	...	100	■		Silt, clayey, brown, roots. - no roots.	0	0	-	-
5	...	100	■			0	0	-	-
10	...	100	⊗			0	0	1.05	0
15	...	100	■			0	0	6.55	0
20	...	100	⊗		- some sand.	0	0	-	-
Boring Terminated at 21.0 Ft.									

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LOG OF BORING AOC SL-01

Project No.: 1315-119	Sampling Method: Strataprobe Split Spoon
Logged By: John Morris	Depth Drilled: 21.0 Ft.
Drilling Co.: TEG	Depth To Water: NA
Driller:	Date Measured: NA
Date Drilled: 06/10/94	Surface Elevation: 717.80 Ft.
Drilling Method: Strataprobe	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0	...	100	■		Silt, clayey, brown.	0	0	-	-
5	...	100	■			0	0	-	-
10	...	100	■			0	0	-	-
15	...	100	⊗		- some sand, light brown color.	0	0	-	-
20	...	100	■			0	0	-	-
Boring Terminated at 21.0 Ft.									

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LOG OF BORING AOC SL-02

Project No.: 1315-119	Sampling Method: Strataprobe Split Spoon
Logged By: John Morris	Depth Drilled: 21.0 Ft.
Drilling Co.: TEG	Depth To Water: NA
Driller:	Date Measured: NA
Date Drilled: 06/10/94	Surface Elevation: 717.64 Ft.
Drilling Method: Strataprobe	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0		100			Silt, clayey, brown.	0	0	-	-
5		100			Silt, sandy, tan.	0	0	-	-
10		100			Silt, clayey, brown.	0	0	1.18	0
15		100				0	0	-	-
20		100				0	0	-	-
Boring Terminated at 21.0 Ft.									

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LOG OF BORING AOC SL-03

Project No.:	1315-119	Sampling Method:	Strataprobe Split Spoon
Logged By:	John Morris	Depth Drilled:	21.0 Ft.
Drilling Co.:	TEG	Depth To Water:	NA
Driller:		Date Measured:	NA
Date Drilled:	06/10/94	Surface Elevation:	717.72 Ft.
Drilling Method:	Strataprobe		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
		100			Silt, clayey, brown.	0	0	-	-
					Crushed limestone.				
5		100				0	0	-	-
					Silt, clayey, brown.				
10		100				0	0	1.29	0
15		100				0	0	-	-
20		100				0	0	-	-
					Boring Terminated at 21.0 Ft.				


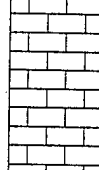

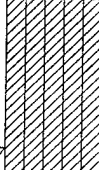

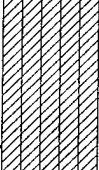

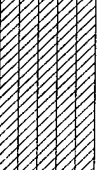

Sepulveda
Van Nuys, California

OPTECH

OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING AOC SL-04

Project No.: 1315-119	Sampling Method: Strataprobe Split Spoon
Logged By: John Morris	Depth Drilled: 21.0 Ft.
Drilling Co.: TEG	Depth To Water: NA
Driller:	Date Measured: NA
Date Drilled: 06/10/94	Surface Elevation: 717.76 Ft.
Drilling Method: Strataprobe	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
		100			Silt, clayey, brown.	0	0	-	-
					Crushed limestone.				
5		100				0	0	-	-
					Silt, clayey, brown.				
10		100				0	0	.97	-
									
15		100				0	0	1.99	-
									
20		100				0	0	-	-
					Boring Terminated at 21.0 Ft.				

Sepulveda
Van Nuys, California

O P T E C H
OPERATIONAL TECHNOLOGIES
CORPORATION

LOG OF BORING AOC SL-05

Project No.: 1315-119	Sampling Method: Strataprobe Split Spoon
Logged By: John Morris	Depth Drilled: 21.0 Ft.
Drilling Co.: TEG	Depth To Water: NA
Driller:	Date Measured: NA
Date Drilled: 06/10/94	Surface Elevation: 717.49 Ft.
Drilling Method: Strataprobe	

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
0	.	100	X		Silt, clayey, brown.	0	0	-	-
5	.	100				0	0	-	-
10	.	100				0	0	-	-
15	.	100	X			0	0	-	-
20	.	100			Boring Terminated at 21.0 Ft.	0	0	-	-

APPENDIX C
FIELD GC SCREENING RESULTS

SECTION C.1 INTRODUCTION

This section includes the raw Gas Chromatograph (GC) data generated during the field screening of soil samples collected during the installation of soil sampling locations. Tables C-1 through C-3 summarize the GC screening results for soil collected during the Site Investigation.

Table C - 1
IRP Site No. 1 GC Screening Results - Soil
261st CCSQ, Sepulveda ANG, Van Nuys, California

Soil Sampling Borings/ Intervals	Corrected Concentrations (ppb)				Soil Weight	Total BTEX (ppb)
	Benzene	Toluene	Ethylbenzene	m,p-Xylenes		
<u>SB-1</u>						
5.0' BLS	ND	16.7	NR	0.81	10g	17.5
10.0' BLS	ND	5.75	NR	ND	10g	5.75
15.0' BLS	ND	5.27	NR	ND	10g	5.27
<u>SB-2</u>						
5.0' BLS	ND	35.0	NR	ND	10g	35.0
10.0' BLS	ND	4.98	NR	ND	10g	4.98
15.0' BLS	ND	3.70	NR	ND	10g	3.70
<u>SB-3</u>						
10.0' BLS	ND	17.6	NR	ND	10g	17.6
15.0' BLS	ND	11.3	NR	ND	10g	11.3
20.0' BLS	ND	34.3	NR	ND	10g	34.3
<u>SB-4</u>						
5.0' BLS	ND	8.08	NR	ND	10g	8.08
10.0' BLS	ND	ND	NR	0.44	10g	0.44
15.0' BLS	ND	ND	NR	1.06	10g	1.06
20.0' BLS	ND	ND	NR	1.58	10g	1.58
<u>SB-5</u>						
5.0' BLS	ND	1.50	NR	0.64	10g	2.14
10.0' BLS	1.95	13.6	NR	3.53	10g	19.1
15.0' BLS	ND	4.69	NR	ND	10g	4.69
20.0' BLS	1.10	8.86	NR	ND	10g	9.96
<u>SB-6</u>						
5.0' BLS	138	94.0	NR	ND	10g	232
10.0' BLS	ND	ND	NR	ND	10g	00
15.0' BLS	ND	ND	NR	8.99	10g	8.99
<u>SB-7</u>						
0.5' BLS	ND	5.54	NR	2.08	10g	7.62
5.0' BLS	ND	8.36	NR	0.46	10g	8.82
10.0' BLS	ND	2.66	NR	ND	10g	2.66
15.0' BLS	ND	23.6	NR	ND	10g	23.6
20.0' BLS	ND	9.91	NR	ND	10g	9.91

Table C - 1 (Concluded)
IRP Site No. 1 GC Screening Results - Soil
261st CCSQ, Sepulveda ANG, Van Nuys, California

Soil Sampling Borings/ Intervals	Corrected Concentrations (ppb)				Soil Weight	Total BTEX (ppb)
	Benzene	Toluene	Ethylbenzene	m,p-Xylenes		
<u>SB-8</u>						
5.0' BLS	ND	5.61	NR	26.8	10g	32.4
10.0' BLS	ND	103	NR	10.7	10g	113
15.0' BLS	ND	3.36	NR	0.81	10g	4.16
<u>SB-9</u>						
0.5' BLS	ND	5.09	NR	1.01	10g	6.10
10.0' BLS	ND	5.37	NR	0.33	10g	5.70
15.0' BLS	ND	ND	NR	ND	10g	0.00
20.0' BLS	ND	3.18	NR	0.42	10g	3.60
<u>SB-10</u>						
0.5' BLS	ND	1.30	NR	ND	10g	1.30
5.0' BLS	ND	15.2	NR	ND	10g	15.2
10.0' BLS	ND	4.60	NR	ND	10g	4.06
15.0' BLS	ND	4.69	NR	0.77	10g	5.46

ppb - parts per billion.

BTEX - Benzene, Toluene, Ethylbenzene and Xylenes.

SB - Sampling Boring.

BLS - Below Land Surface.

ND - Not Detected.

NR - Not ran; Combined co-eluted compound values for ethylbenzene and m/p xylene are that of a total mass tripled.

g - grams.

Table C - 2
Background GC Screening Results - Soil
261st CCSQ, Sepulveda ANG, Van Nuys, California

Soil Sampling Locations/ Intervals	Corrected Concentrations (ppb)				Soil Weight	Total BTEX (ppb)
	Benzene	Toluene	Ethylbenzene	m,p-Xylenes		
<u>BGLS-01-11</u>						
10.0' BLS	ND	0.92	NR	0.13	10g	1.05
15.0' BLS	ND	6.51	NR	0.04	10g	6.55

ppb - parts per billion.

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes.

BGLS - Background Location Sample.

BLS - Below land surface.

ND - Not detected.

NR - Not ran; Combined co-eluted compound values for ethylbenzene and m/p xylene are that of a total mass tripled.

g - grams.

Table C - 3
AOC No.1 GC Screening Results - Soil
261st CCSQ, Sepulveda ANG, Van Nuys, California

Soil Sampling Locations/ Intervals	Corrected Concentrations (ppb)				Soil Weight	Total BTEX (ppb)
	Benzene	Toluene	Ethylbenzene	m,p-Xylenes		
<u>AOCSL-02</u> 10.0' BLS	ND	1.18	NR	ND	10g	1.18
<u>AOCSL-03</u> 10.0' BLS	ND	1.29	NR	ND	10g	1.29
<u>AOCSL-04</u> 10.0' BLS 15.0' BLS	ND	0.93	NR	0.04	10g	0.97
	ND	1.86	NR	0.13	10g	1.99

ppb - parts per billion.

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes.

AOCSL - Area of Concern Sampling Location.

BLS - Below Land Surface.

ND - Not Detected.

NR - Not ran; Combined co-eluted compound values for ethylbenzene and m/p xylene are that of a total mass tripled.

g - grams.

FIELD GC DATA SUMMARY

SITE: SEPULVEDA ANGUS
 GAIN: 2
 CARRIER GAS FLOW: 10 cc/min

GC OVEN TEMP: 40°C
 ANALYSIS TIME: 400 sec
 WINDOW: +/- 10%

of 2)

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Corrected Concentrations (ppb)					Total BTEX
			MTBE	Benzene	Toluene	Ethyl-benzene	m/p Xylene	
* 6/8/94								
STD	—	—		1.00 ppm	1.00 ppm		1.00 ppm	3.00 ppm
BLANK	—	—		—	3.90		—	3.90
SB-1	5'	10g		—	16.73		.81	17.54
SB-1	10'	10g		—	5.75		—	5.75
SB-1	15'	10g		—	5.27		—	5.27
BLANK	—	—		—	2.70		—	2.70
SB-2	5'	10g		—	34.99		—	34.99
SB-2	10'	10g		—	4.98		—	4.98
SB-2	15'	10g		—	3.70		—	3.70
STD	—	—		1.00	1.00		1.00	3.00
BLANK	—	—		—	2.29		—	2.29
SB-3	10'	10g		—	17.61		—	17.61
SB-3	15'	10g		—	11.32		—	11.32
SB-3	20'	10g		—	34.25		—	34.25
BLANK	—	—		—	2.06		.40	2.46
SB-4	5'	10g		—	8.08		—	8.08
SB-4	10'	10g		—	—		.44	.44
SB-4	15'	10g		—	—		1.06	1.06
SB-4	20'	10g		—	—		1.58	1.58

OPERATOR: Mark Escobar

DATE: 6/8/94

FIELD GC DATA SUMMARY

SITE: SEPULVEDA ANG S

GAIN: 2

CARRIER GAS FLOW: 10 cc/min

GC OVEN TEMP: 40°C

ANALYSIS TIME: 400 SEC

WINDOW: +/- 10° 20

[illegible]

OPERATOR: Mark Esala

DATE: 6/8/94

FIELD GC DATA SUMMARY

SITE: SEPULVEDA ANG
 GAIN: 2
 CARRIER GAS FLOW: 12 cc/min

GC OVEN TEMP: 40°C
 ANALYSIS TIME: 400 sec
 WINDOW: +/- 5%

Boring 6/9/94	Sample Interval (ft. BLS)	Sample Mass (grams)	Corrected Concentrations (ppb)					
			MTBE	Benzene	Toluene	Ethyl- benzene	m/p Xylene	Total BTX
STD	—	—		1.00 ppm	1.00 ppm		1.00 ppm	3.00 ppm
BLANK	—	—		—	2.00		1.00	3.00
SB-7	6 INCH	10g		—	5.54		2.08	7.62
SB-7	5'	10g		—	8.36		.46	8.82
SB-7	10'	10g		—	2.66		—	2.66
SB-7	15'	10g		—	23.63		—	23.63
SB-7	20'	10g		—	9.91		—	9.91
STD	—	—		1.00 ppm	1.00 ppm		1.00 ppm	3.00 ppm
BLANK	—	—		—	—		—	—
SB-8	5'	10g		—	5.61		26.82	32.43 82
SB-8	10'	10g		—	103.0		10.72	113.72
SB-8	15'	10g		—	3.362		.805	4.16
BLANK	—	—		—	—		.849	.849
SB-9	6 INCH	10g		—	5.09		1.01	6.10
SB-9	10'	10g		—	5.37		.33	5.70
SB-9	15'	10g		—	—		—	—
STD	—	—		1.00 ppm	1.00 ppm		1.00 ppm	3.00 ppm
BLANK	—	—		—	6.06		.66	6.72
SB-9	20ft	10g		—	3.18		.421	3.57
SB-10	6 IN	10g		—	1.30		—	1.30

OPERATOR: Nick Escala

DATE: 6/9/94

FIELD GC DATA SUMMARY

SITE: SEPULVEDA ANG

GAIN: 2

CARRIER GAS FLOW: 12 cc/min

GC OVEN TEMP: 40°C

ANALYSIS TIME: 400.56

WINDOW: +/- 5%

[illegible]

OPERATOR:

DATE: 6/9/94

FIELD GC DATA SUMMARY

SITE: SEPULVEDA ANG
GAIN: 2
CARRIER GAS FLOW: 12 cc/min

GC OVEN TEMP: 40°C
ANALYSIS TIME: 400 sec
WINDOW: +/- 10%

[illegible]

OPERATOR: Mob Esale

DATE: 6/10/94

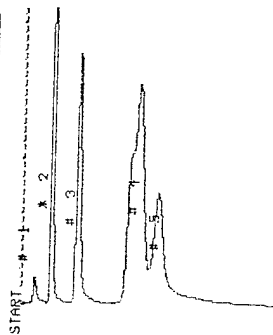
STANDARD 6/8/94

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SB-1 5FT

SB-1 10FT

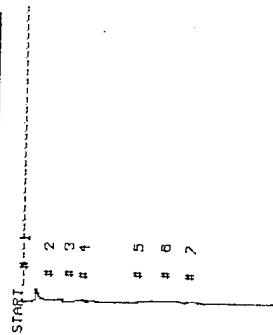
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STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 13:58
 ANALYSIS # 28 MARK ESCOBAR
 INTERNAL TEMP 29 SEPULVEDA ANG
 GAIN 2 CALIBRATION

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	22.9	402.0 mUS
UNKNOWN	2	48.6	6.1 US
UNKNOWN	3	93.3	6.2 US
UNKNOWN	4	130.9	15.8 US

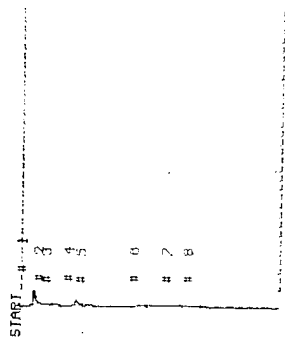
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STOP # 400.0
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 ANALYSIS # 29 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG
 GAIN 2 BLANK

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	22.9	204.3 mUS
UNKNOWN	2	60.6	15.4 mUS
TOLUENE	3	92.6	3.901 PPH
UNKNOWN	6	241.7	38.6 mUS

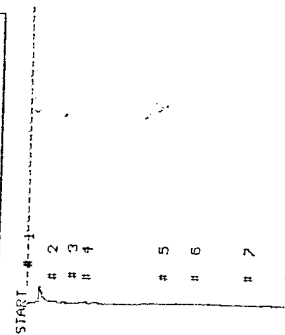
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STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 14:50
 ANALYSIS # 31 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG
 GAIN 2 SB-1 5FT

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	22.9	246.1 mUS
UNKNOWN	3	60.6	20.4 mUS
TOLUENE	4	93.3	16.23 PPH
PP XYLENE	6	194.9	0.811 PPH
UNKNOWN	7	245.1	28.2 mUS

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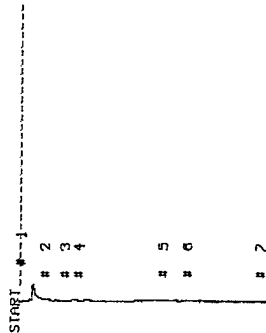


STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 15:12
 ANALYSIS # 32 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG
 GAIN 2 SB-1 10FT

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	22.9	236.2 mUS
UNKNOWN	2	60.6	8.1 mUS
TOLUENE	3	92.6	5.247 PPH
UNKNOWN	4	113.4	5.9 mUS
UNKNOWN	5	231.9	134.2 mUS
UNKNOWN	6	281.3	5.2 mUS

SB-1 15FT

PHOTOVAC

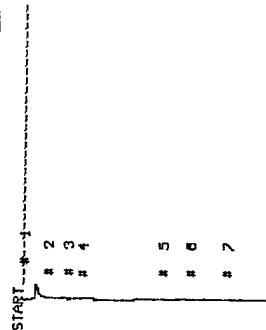


STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 15:10
 ANALYSIS # 33 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG8
 GAIN 2 SB-1 15FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	23.3	306.0 μS
TOLUENE	2	32.0	512.0 PFB
UNKNOWN	3	113.4	10.2 μS
UNKNOWN	4	243.4	137.4 μS
UNKNOWN	5	281.3	9.0 μS

BLANK

PHOTOVAC

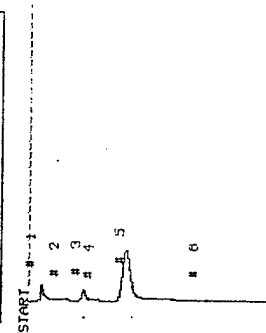


STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 15:10
 ANALYSIS # 34 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG8
 GAIN 2 BLANK

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	23.3	276.3 μS
UNKNOWN	2	60.1	6.6 μS
TOLUENE	3	91.2	2.201 PFB
UNKNOWN	4	113.4	15.3 μS
UNKNOWN	5	238.3	120.0 μS

SB-2 5FT

PHOTOVAC

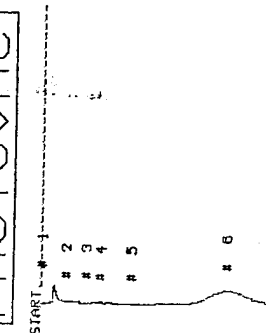


STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 15:26
 ANALYSIS # 35 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG8
 GAIN 2 SB-2 5FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.0	204.0 μS
UNKNOWN	2	60.1	21.2 μS
TOLUENE	3	93.3	34.89 PFB
UNKNOWN	4	101.4	2.7 μS

SB-2 10FT

PHOTOVAC



STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 15:33
 ANALYSIS # 36 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG8
 GAIN 2 SB-2 10FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	23.3	313.7 μS
TOLUENE	2	92.6	4.984 PFB
UNKNOWN	3	113.4	13.0 μS
UNKNOWN	4	162.5	20.8 μS

SB-2 15FT

PHOTOVAC

START ---#---1
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STOP @ 400.0
SAMPLE LIBRARY 1 JUN 8 1994 15:41
ANALYSIS # 37 MARK ESCOBAR
INTERNAL TEMP 28 SEPIJUEDA ANG
GAIN 2 SB-2 15FT

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	23.1	342.1 µS
TOLUENE	3	81.2	3.709 PPB
UNKNOWN	4	113.4	6.4 µS
UNKNOWN	5	246.8	102.8 µS
UNKNOWN	6	252.2	12.8 µS

STANDARD

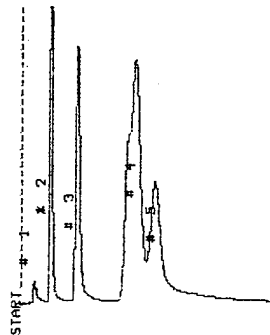
6/8/94

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SB-3 10FT

SB-3 15FT

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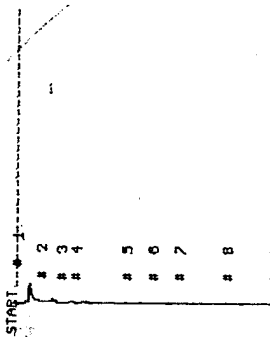
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 ANALYSIS # 38 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG
 GAIN 2 STANDARD

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	23.5	379.8 μS
UNKNOWN	2	45.0	6.6 μS
UNKNOWN	3	94.0	9.4 μS
UNKNOWN	4	170.0	17.9 μS

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1	COMPOUND	ID #	R.T.	LIMIT
BENZENE	1	42.0	1.000 PPM	
TOLUENE	2	54.0	1.000 PPM	
MP XYLENE	3	150.0	1.000 PPM	

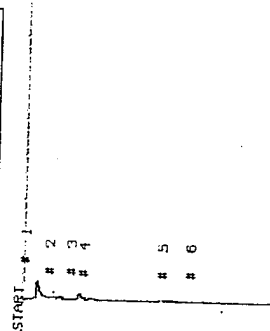
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STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 15:57
 ANALYSIS # 39 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG
 GAIN 2 BLANK

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	23.3	355.5 μS
UNKNOWN	2	60.6	33.8 μS
TOLUENE	3	91.2	2,298 PPB
UNKNOWN	4	113.4	13.8 μS
UNKNOWN	6	235.1	24.8 μS

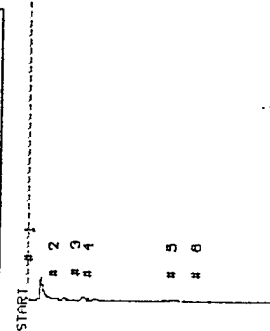
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STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 16: 5
 ANALYSIS # 40 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG
 GAIN 2 SB-3 10FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	23.3	314.8 μS
UNKNOWN	2	60.6	21.7 μS
TOLUENE	3	91.3	12.01 PPB
UNKNOWN	4	113.4	2.3 μS
UNKNOWN	5	238.3	108.6 μS

PHOTOVAC



STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 16:12
 ANALYSIS # 41 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG
 GAIN 2 SB-3 15FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	23.3	309.6 μS
UNKNOWN	2	60.6	18.3 μS
TOLUENE	3	91.3	11.32 PPB
UNKNOWN	4	113.4	2.1 μS
UNKNOWN	5	245.1	109.4 μS

SB-3 20FT

PHOTOVAC

START # 1
2
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6
7

STOP # 400.0
SAMPLE LIBRARY 1 JUN 8 1994 10:40
ANALYSIS # 42 MARK ESCOBAR
INTERNAL TEMP 27 SEPULVEDA ANG
GAIN 2 SB-3 20FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	23.3	330.3 μS
UNKNOWN	2	60.6	14.9 μS
TOLUENE	3	93.3	34.25 PPB
UNKNOWN	6	246.8	23.8 μS

BLANK

PHOTOVAC

START # 1
2
3
4
5
6

STOP # 400.0
SAMPLE LIBRARY 1 JUN 8 1994 10:48
ANALYSIS # 43 MARK ESCOBAR
INTERNAL TEMP 27 SEPULVEDA ANG
GAIN 2 BLANK

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	23.1	796.1 μS
UNKNOWN	2	60.1	91.1 μS
TOLUENE	3	90.5	2.068 PPB
UNKNOWN	4	113.4	10.9 μS
HP XYLENE	5	194.3	0.416 PPB

SB-4 5FT

PHOTOVAC

START # 1
2
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STOP # 400.0
SAMPLE LIBRARY 1 JUN 8 1994 10:55
ANALYSIS # 44 MARK ESCOBAR
INTERNAL TEMP 27 SEPULVEDA ANG
GAIN 2 SB-4 5FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	23.1	574.8 μS
UNKNOWN	2	61.1	41.3 μS
TOLUENE	3	93.3	8.067 PPB
UNKNOWN	4	113.4	12.0 μS
UNKNOWN	5	240.0	109.3 μS

STANDARD

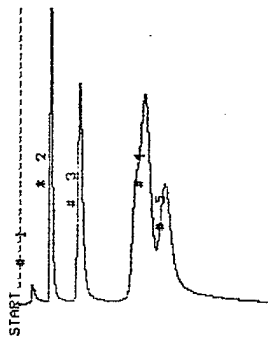
6/8/94

SB-4 10FT

SB-4 15FT

SB-4 20FT

PHOTOVAC



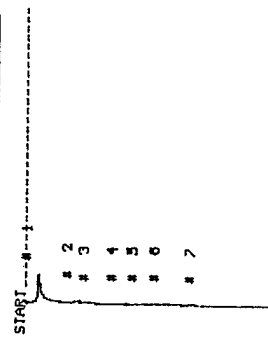
STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 17:42
 ANALYSIS # 1 MARK ESCOBAR
 INTERNAL TEMP 29 SEPULVEDA ANG
 GAIN 2 60-10000

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	23.1	364.3 mUS
UNKNOWN	2	51.2	5.9 US
UNKNOWN	3	101.2	6.4 US
UNKNOWN	4	202.5	12.1 US

PHOTOVAC

1	COMPOUND	ID #	R.T.	LIMIT
BENZENE	1	51.2	1.000 PPM	
TOLUENE	2	101.2	1.000 PPM	
HP XYLENE	3	202.5	1.000 PPM	

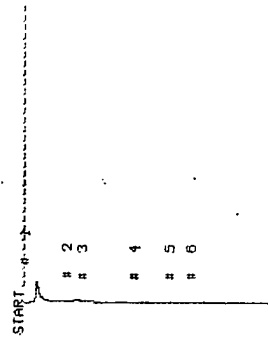
PHOTOVAC



STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 17:52
 ANALYSIS # 2 MARK ESCOBAR
 INTERNAL TEMP 30 SEPULVEDA ANG
 GAIN 2 SB-4 10FT

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	23.1	502.2 mUS
UNKNOWN	2	86.2	48.8 mUS
UNKNOWN	5	182.0	36.2 mUS
HP XYLENE	6	220.5	0.442 PFB

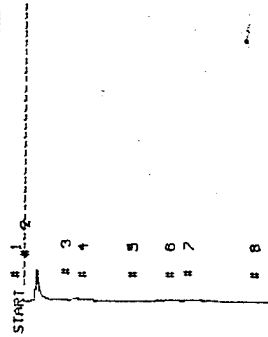
PHOTOVAC



STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 18:3
 ANALYSIS # 3 MARK ESCOBAR
 INTERNAL TEMP 30 SEPULVEDA ANG
 GAIN 2 SB-4 15FT

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	22.3	400.9 mUS
UNKNOWN	2	83.8	64.5 mUS
HP XYLENE	4	192.2	1.055 PFB
UNKNOWN	5	246.8	12.1 mUS
UNKNOWN	6	281.3	8.3 mUS

PHOTOVAC



STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 18:11
 ANALYSIS # 4 MARK ESCOBAR
 INTERNAL TEMP 31 SEPULVEDA ANG
 GAIN 2 SB-4 20FT

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	2	22.5	588.9 mUS
UNKNOWN	3	86.2	23.6 mUS
HP XYLENE	5	190.9	1.529 PFB
UNKNOWN	6	248.5	23.6 mUS
UNKNOWN	7	222.5	11.9 mUS

BLANK

PHOTOVAC

STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 19:21
 ANALYSIS # 5 MARK ESCOBAR
 INTERNAL TEMP 30 SEPULVEDA ANG
 GAIN 2 BLANK

COMPOUND NAME PEAK R.T. AREA/PPH
 UNKNOWN 1 22.9 295.1 mUS
 UNKNOWN 2 88.5 25.7 mUS
 HP XYLENE 4 130.9 1.172 PPH
 UNKNOWN 5 240.6 13.6 mUS
 UNKNOWN 6 261.3 3.4 mUS

SB-5 5FT

PHOTOVAC

STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 19:35
 ANALYSIS # 6 MARK ESCOBAR
 INTERNAL TEMP 30 SEPULVEDA ANG
 GAIN 2 SB-5 5FT

COMPOUND NAME PEAK R.T. AREA/PPH
 UNKNOWN 1 21.9 515.7 mUS
 UNKNOWN 2 28.9 132.9 mUS
 UNKNOWN 3 72.1 12.2 mUS
 UNKNOWN 4 86.2 32.5 mUS
 TOLUENE 5 107.8 1.498 PPH
 UNKNOWN 6 160.3 10.7 mUS
 HP XYLENE 7 190.9 0.635 PPH
 UNKNOWN 8 243.4 16.7 mUS
 UNKNOWN 9 281.3 11.6 mUS

SB-5 10FT

PHOTOVAC

STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 19:43
 ANALYSIS # 7 MARK ESCOBAR
 INTERNAL TEMP 31 SEPULVEDA ANG
 GAIN 2 SB-5 10FT

COMPOUND NAME PEAK R.T. AREA/PPH
 UNKNOWN 1 22.2 320.3 mUS
 UNKNOWN 2 29.1 120.5 mUS
 BENZENE 4 50.2 1.950 PPH
 UNKNOWN 6 72.1 61.6 mUS
 UNKNOWN 7 83.1 34.8 mUS
 TOLUENE 8 106.2 13.52 PPH
 UNKNOWN 9 158.1 52.2 mUS
 HP XYLENE 10 189.6 2.318 PPH
 HP XYLENE 11 220.9 1.222 PPH
 UNKNOWN 12 229.4 5.1 mUS

SB-5 15FT

PHOTOVAC

STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 19:51
 ANALYSIS # 8 MARK ESCOBAR
 INTERNAL TEMP 31 SEPULVEDA ANG
 GAIN 2 SB-5 15FT

COMPOUND NAME PEAK R.T. AREA/PPH
 UNKNOWN 1 22.1 285.8 mUS
 UNKNOWN 2 57.5 5.0 mUS
 UNKNOWN 3 72.1 8.7 mUS
 UNKNOWN 4 82.3 29.0 mUS
 TOLUENE 5 107.8 4.082 PPH
 UNKNOWN 6 160.3 26.4 mUS
 UNKNOWN 8 241.7 18.9 mUS
 UNKNOWN 9 222.5 6.9 mUS

SB-5 20FT

PHOTOVAC

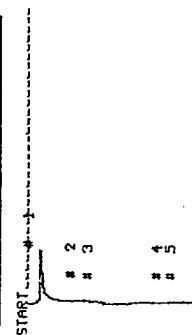


STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 19:59
 ANALYSIS # 9 MARK ESCOBAR
 INTERNAL TEMP 31 SEPULVEDA ANG
 GAIN 2 SB-5 20FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	21.9	1.1 US
UNKNOWN	2	33.8	87.1 mUS
BENZENE	4	50.2	1.096 PPB
UNKNOWN	6	72.1	35.6 mUS
UNKNOWN	7	86.2	25.5 mUS
TOLUENE	8	106.2	8.555 PPB
UNKNOWN	9	159.2	35.8 mUS
UNKNOWN	10	188.3	5.5 mUS
UNKNOWN	11	236.7	20.2 mUS
UNKNOWN	12	225.0	6.8 mUS

BLANK

PHOTOVAC

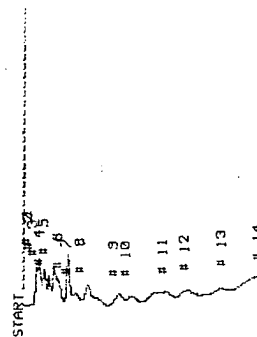


STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 20:7
 ANALYSIS # 10 MARK ESCOBAR
 INTERNAL TEMP 31 SEPULVEDA ANG
 GAIN 2 BLANK

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.2	1.1 US
UNKNOWN	2	87.3	17.2 mUS
HP XYLENE	4	222.4	1.754 PPB
UNKNOWN	6	289.2	19.2 mUS

SB-6 5FT

PHOTOVAC

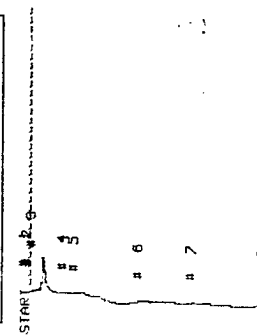


STOP # 100.0
 SAMPLE LIBRARY 1 JUN 8 1994 20:15
 ANALYSIS # 11 MARK ESCOBAR
 INTERNAL TEMP 31 SEPULVEDA ANG
 GAIN 2 SB-6 5FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	23.5	520.4 mUS
UNKNOWN	2	26.5	672.3 mUS
UNKNOWN	3	29.2	622.3 mUS
UNKNOWN	4	41.1	404.4 mUS
BENZENE	5	51.5	132.5 PPB
UNKNOWN	6	72.6	253.7 mUS
UNKNOWN	7	84.3	148.0 mUS
TOLUENE	8	106.2	33.98 PPB
UNKNOWN	9	138.1	352.8 mUS
UNKNOWN	10	121.2	302.9 mUS
UNKNOWN	11	235.1	1.8 US
UNKNOWN	12	269.3	1.4 US
UNKNOWN	13	322.1	2.1 US

SB-6 10FT

PHOTOVAC

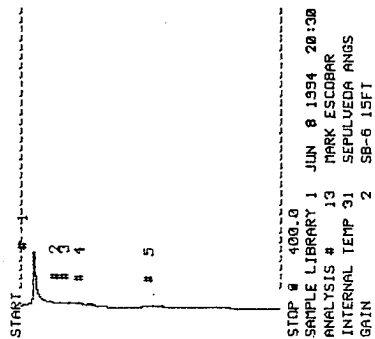


STOP # 100.0
 SAMPLE LIBRARY 1 JUN 8 1994 20:23
 ANALYSIS # 12 MARK ESCOBAR
 INTERNAL TEMP 31 SEPULVEDA ANG
 GAIN 2 SB-6 10FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	9.4	9.4 mUS
UNKNOWN	3	22.7	482.3 mUS
UNKNOWN	5	86.1	11.8 mUS
UNKNOWN	6	182.0	358.8 mUS
UNKNOWN	7	269.3	138.7 mUS

SB-6 15FT

PHOTOVAC



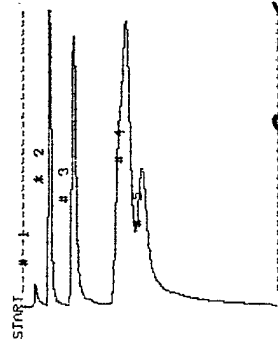
STOP # 400.0
SAMPLE LIBRARY 1 JUN 8 1994 20:30
ANALYSIS # 13 MARK ESCOBAR
INTERNAL TEMP 31 SEPULVEDA ANG
GAIN 2 SB-6 15FT

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	22.3	956.4 mUS
UNKNOWN	3	82.3	22.3 mUS
MP XYLENE	5	216.4	8.997 PPB

STANDARD

6/9/94

PHOTOVAC

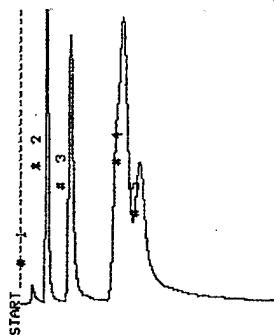


STOP # 400.0
SAMPLE LIBRARY 1 JUN 1994
ANALYSIS # 2 MARK ESCOBAR
INTERNAL TEMP 28 SEPULVEDA ANG
GAIN 2 STANDARD

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.1	390.3 μS
UNKNOWN	2	44.5	6.0 US
UNKNOWN	3	84.9	6.8 US
UNKNOWN	4	120.8	19.2 US

SB-6 15FT

PHOTOVAC

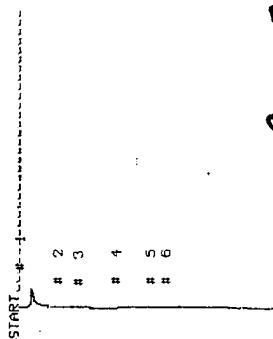


STOP # 400.0
SAMPLE LIBRARY 1 JUN 1994
ANALYSIS # 1 MARK ESCOBAR
INTERNAL TEMP 28 SEPULVEDA ANG
GAIN 2 SB-6 15FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.1	344.3 μS
UNKNOWN	2	44.5	6.8 US
UNKNOWN	3	84.9	2.0 US
UNKNOWN	4	120.8	20.0 US

BLANK

PHOTOVAC

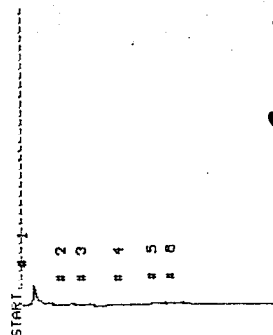


STOP # 400.0
SAMPLE LIBRARY 1 JUN 1994
ANALYSIS # 3 MARK ESCOBAR
INTERNAL TEMP 29 SEPULVEDA ANG
GAIN 2 BLANK

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.3	326.2 μS
TOLUENE	2	82.5	2.003 PPM
m-XYLENE	4	122.0	1.066 PPM

SB-7 6 INCH

PHOTOVAC



STOP # 400.0
SAMPLE LIBRARY 1 JUN 1994
ANALYSIS # 4 MARK ESCOBAR
INTERNAL TEMP 29 SEPULVEDA ANG
GAIN 2 SB-7 6 INCH

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.1	364.8 μS
TOLUENE	2	83.1	8.942 PPM
UNKNOWN	3	113.4	10.4 μS
m-XYLENE	4	122.0	2.028 PPM
UNKNOWN	5	223.9	18.3 μS

SB-7 5FT

SB-7 10FT

SB-7 15FT

SB-7 20FT

PHOTOVAC

START

2
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STOP # 400.0
SAMPLE LIBRARY 1 JUN 1994
ANALYSIS # 5 MARK ESCOBAR
INTERNAL TEMP 29 SEPULVEDA ANG
GAIN 2 SB-7 5FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	72.1	447.2 μS
TOLUENE	2	84.2	8.362 PPB
UNKNOWN	3	113.4	11.4 μS
PP XYLENE	4	173.2	0.432 PPB
UNKNOWN	5	223.5	13.9 μS

PHOTOVAC

START

2
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7

STOP # 400.0
SAMPLE LIBRARY 1 JUN 1994
ANALYSIS # 6 MARK ESCOBAR
INTERNAL TEMP 29 SEPULVEDA ANG
GAIN 2 SB-7 10FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	72.3	458.5 μS
TOLUENE	2	83.1	2.669 PPB
UNKNOWN	3	113.4	11.8 μS
UNKNOWN	4	146.3	147.5 μS
UNKNOWN	6	222.1	10.4 μS
UNKNOWN	7	253.6	7.9 μS

PHOTOVAC

START

2
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5

STOP # 400.0
SAMPLE LIBRARY 1 JUN 1994
ANALYSIS # 7 MARK ESCOBAR
INTERNAL TEMP 29 SEPULVEDA ANG
GAIN 2 SB-7 15FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	72.3	411.2 μS
TOLUENE	3	84.9	23.63 PPB
UNKNOWN	5	223.9	420.3 μS

PHOTOVAC

START

2
3
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5

STOP # 400.0
SAMPLE LIBRARY 1 JUN 1994
ANALYSIS # 8 MARK ESCOBAR
INTERNAL TEMP 29 SEPULVEDA ANG
GAIN 2 SB-7 20FT

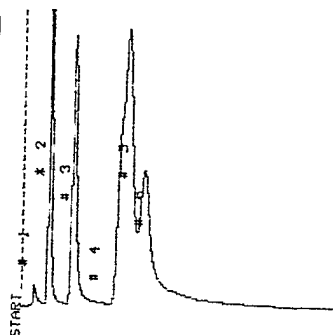
COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	72.1	403.2 μS
TOLUENE	2	84.9	9.911 PPB
UNKNOWN	3	113.4	9.4 μS
UNKNOWN	4	222.1	45.2 μS
UNKNOWN	5	253.6	8.1 μS

C - 20

STANDARD

6/9/94

PHOTOVAC



STOP # 500.0
 SAMPLE LIBRARY 1 JUN 8 1994 0951
 ANALYSIS # 9 MARK ESCOBAR
 INTERNAL TEMP 29 SEPULVEDA ANG
 GAIN 2 STANDARD

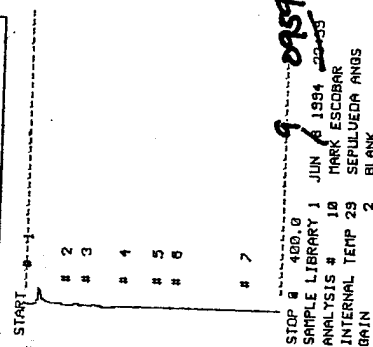
COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.3	369.8 μS
UNKNOWN	2	44.5	2.0 US
UNKNOWN	3	84.9	6.7 US
UNKNOWN	5	175.6	13.5 US

PHOTOVAC

1	COMPOUND	ID #	R.T.	LIMIT
BENZENE	1	44.1	1.000 PPM	
TOLUENE	2	84.2	1.000 PPM	
MP XYLENE	3	172.0	1.000 PPM	

BLANK

PHOTOVAC

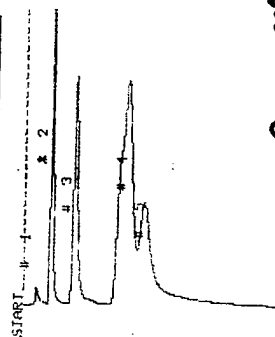


STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 0951
 ANALYSIS # 10 MARK ESCOBAR
 INTERNAL TEMP 29 SEPULVEDA ANG
 GAIN 2 BLANK

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	21.9	307.1 μS
UNKNOWN	2	82.5	15.2 μS
UNKNOWN	4	174.4	9.3 μS
UNKNOWN	5	227.1	13.0 μS
UNKNOWN	7	362.5	12.9 μS

STANDARD

PHOTOVAC

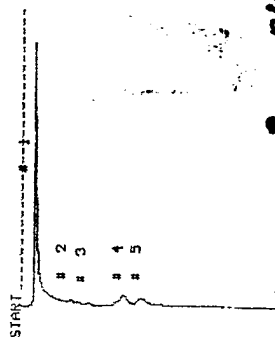


STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 1008
 ANALYSIS # 11 MARK ESCOBAR
 INTERNAL TEMP 29 SEPULVEDA ANG
 GAIN 2 BLANK

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.1	303.0 μS
UNKNOWN	2	44.1	5.7 μS
UNKNOWN	3	84.2	5.6 μS
UNKNOWN	4	172.0	15.7 US

SB-8 5FT

PHOTOVAC



STOP # 400.0
 SAMPLE LIBRARY 1 JUN 8 1994 1014
 ANALYSIS # 12 MARK ESCOBAR
 INTERNAL TEMP 29 SEPULVEDA ANG
 GAIN 2 SB-8 5FT

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.1	2.1 US
TOLUENE	2	83.1	5.610 PPM
MP XYLENE	4	172.0	26.02 PPM

SB-8 10FT

PHOTOVAC

START

2
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5
6

STOP # 400.0

SAMPLE LIBRARY 1 JUN 8 1994 1024

ANALYSIS # 13 MARK ESCOBAR

INTERNAL TEMP 30 SEPULVEDA ANG

GAIN 2 SB-8 10FT

COMPOUND NAME PEAK R.T. AREA/PPH

UNKNOWN	1	21.7	6.3	US
TOLUENE	2	83.7	103.0	PPB
UNKNOWN	3	113.4	230.1	mUS
MP XYLENE	4	172.0	60.72	PPB

SB-8 15FT

PHOTOVAC

START

2
3
4
5
6

STOP # 400.0

SAMPLE LIBRARY 1 JUN 8 1994 1031

ANALYSIS # 14 MARK ESCOBAR

INTERNAL TEMP 30 SEPULVEDA ANG

GAIN 2 SB-8 15FT

COMPOUND NAME PEAK R.T. AREA/PPH

UNKNOWN	1	21.9	642.7	mUS
TOLUENE	2	81.9	3.362	PPB
UNKNOWN	3	113.4	42.2	mUS
MP XYLENE	4	173.2	0.885	PPB
UNKNOWN	5	223.5	13.5	mUS

BLANK

PHOTOVAC

START

2
3
4
5
6
7

STOP # 400.0

SAMPLE LIBRARY 1 JUN 8 1994 1048

ANALYSIS # 16 MARK ESCOBAR

INTERNAL TEMP 30 SEPULVEDA ANG

GAIN 2 BLANK

COMPOUND NAME PEAK R.T. AREA/PPH

UNKNOWN	1	22.1	1.9	US
MP XYLENE	4	172.0	0.849	PPB
UNKNOWN	6	223.9	6.7	mUS

SB-9 6 INCH

PHOTOVAC

START

2
3
4
5
6
7

STOP # 400.0

SAMPLE LIBRARY 1 JUN 8 1994 1056

ANALYSIS # 17 MARK ESCOBAR

INTERNAL TEMP 30 SEPULVEDA ANG

GAIN 2 SB-9 6INCH

COMPOUND NAME PEAK R.T. AREA/PPH

UNKNOWN	1	21.9	994.5	mUS
TOLUENE	2	82.5	5.002	PPB
MP XYLENE	4	172.0	1.013	PPB
UNKNOWN	5	223.5	11.1	mUS

SB-9 10FT

PHOTOVAC

START
2
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STOP # 100.0
SAMPLE LIBRARY 1 JUN 9 1994
ANALYSIS # 18 MARK ESCOBAR
INTERNAL TEMP 30 SEPULVEDA ANG
GAIN 2 SB-9 10FT
108

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	21.7	812.8 mUS
TOLUENE	2	81.9	5.365 PPB
UNKNOWN	4	112.6	18.5 mUS
UNKNOWN	5	145.3	2.4 mUS
MP XYLENE	6	172.0	0.334 PPB
UNKNOWN	7	222.4	19.1 mUS

SB-9 15FT

PHOTOVAC

START
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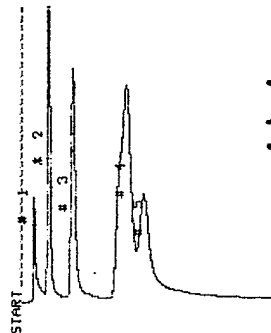
STOP # 100.0
SAMPLE LIBRARY 1 JUN 9 1994
ANALYSIS # 19 MARK ESCOBAR
INTERNAL TEMP 31 SEPULVEDA ANG
GAIN 2 SB-9 15FT
1120

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	21.7	684.6 mUS
TOLUENE	2	81.9	5.583 PPB
UNKNOWN	3	113.4	2.1 mUS
MP XYLENE	5	172.0	0.428 PPB
UNKNOWN	6	223.9	13.3 mUS

STANDARD

6/9/94

PHOTOVAC



STOP # 400.0
 SAMPLE LIBRARY 1 JUN 9 1994 1430
 ANALYSIS # 5 MARK ESCOBAR
 INTERNAL TEMP 27 SEPULVEDA ANG
 GAIN 2 STANDARD

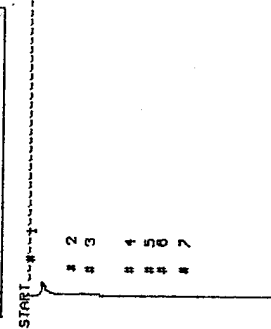
COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	22.3	1.6 US
UNKNOWN	2	44.7	6.9 US
UNKNOWN	3	85.5	6.8 US
UNKNOWN	4	124.4	14.5 US

PHOTOVAC

1	COMPOUND	ID #	R.T.	LIMIT
BENZENE	1	44.7	1.000 PPM	
TOLUENE	2	85.5	1.000 PPM	
MP XYLENE	3	124.4	1.000 PPM	

BLANK

PHOTOVAC

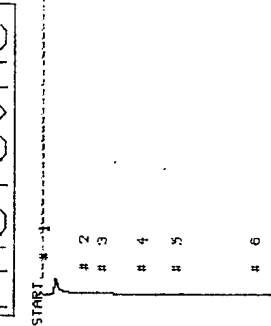


STOP # 400.0
 SAMPLE LIBRARY 1 JUN 9 1994 1430
 ANALYSIS # 6 MARK ESCOBAR
 INTERNAL TEMP 27 SEPULVEDA ANG
 GAIN 2 BLANK

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	22.1	280.2 mUS
TOLUENE	2	84.9	6.060 PFB
MP XYLENE	4	125.6	0.663 PFB

SB-9 20FT

PHOTOVAC

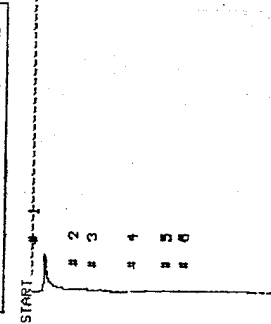


STOP # 400.0
 SAMPLE LIBRARY 1 JUN 9 1994 15: 3
 ANALYSIS # 2 MARK ESCOBAR
 INTERNAL TEMP 27 SEPULVEDA ANG
 GAIN 2 SB-9 20FT

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	21.9	333.5 mUS
TOLUENE	2	84.2	3.184 PFB
MP XYLENE	4	126.8	0.421 PFB
UNKNOWN	5	228.2	10.4 mUS

SB-10 6 INCH

PHOTOVAC

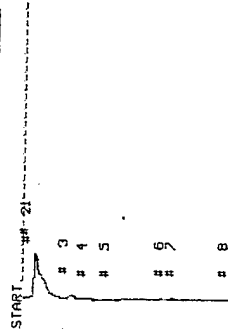


STOP # 400.0
 SAMPLE LIBRARY 1 JUN 9 1994 15:12
 ANALYSIS # 8 MARK ESCOBAR
 INTERNAL TEMP 27 SEPULVEDA ANG
 GAIN 2 SB-10 6INCH

COMPOUND NAME	PEAK	R.T.	AREA/PPH
UNKNOWN	1	22.3	824.9 mUS
TOLUENE	2	83.2	1.304 PFB
UNKNOWN	5	228.2	10.3 mUS

SB-10 5FT

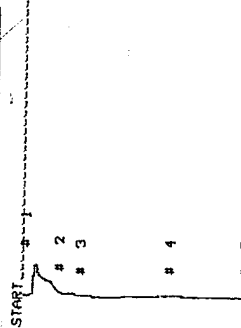
PHOTOVAC



STOP # 400.0
 SAMPLE LIBRARY 1 JUN 9 1994 15120
 ANALYSIS # 9 MARK ESCOBAR
 INTERNAL TEMP 27 SEPULVEDA ANG
 GAIN 2 SB-10 5FT
 COMPOUND NAME PEAK R.T. AREA/PPH
 UNKNOWN 1 22.3 486.3 mUS
 UNKNOWN 2 24.2 669.2 mUS
 TOLUENE 3 84.2 15.20 PPH

SB-10 10FT

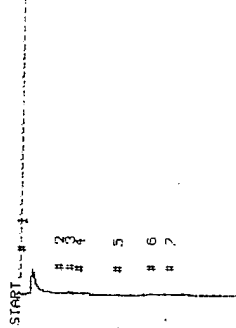
PHOTOVAC



STOP # 400.0
 SAMPLE LIBRARY 1 JUN 9 1994 15127
 ANALYSIS # 10 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG
 GAIN 2 SB-10 10FT
 COMPOUND NAME PEAK R.T. AREA/PPH
 UNKNOWN 1 24.5 1.9 US
 TOLUENE 2 80.2 4.604 PPH
 UNKNOWN 4 251.9 344.3 mUS

SB-10 15FT

PHOTOVAC



STOP # 400.0
 SAMPLE LIBRARY 1 JUN 9 1994 15134
 ANALYSIS # 11 MARK ESCOBAR
 INTERNAL TEMP 28 SEPULVEDA ANG
 GAIN 2 SB-10 15FT
 COMPOUND NAME PEAK R.T. AREA/PPH
 UNKNOWN 1 21.2 635.8 mUS
 TOLUENE 2 81.1 4.689 PPH
 BP XYLENE 5 124.4 0.223 PPH
 UNKNOWN 6 222.1 14.2 mUS

STANDARD 6/10/94	BLANK	BGLS01-11 10FT	BGLS01-11 15FT
<p>PHOTOVAC</p> <p>STOP # 400.0 SAMPLE LIBRARY 1 JUN 10 1994 10:0 ANALYSIS # 1 MARK ESCOBAR INTERNAL TEMP 27 SEPULVEDA ANG GAIN 2 STANDARD</p> <p>COMPOUND NAME PEAK R.T. AREA/PPM UNKNOWN 1 22.3 588.4 μS UNKNOWN 2 46.3 14.1 US UNKNOWN 3 84.5 23.4 US UNKNOWN 4 170.0 125.7 US</p>	<p>PHOTOVAC</p> <p>STOP # 400.0 SAMPLE LIBRARY 1 JUN 10 1994 10:14 ANALYSIS # 2 MARK ESCOBAR INTERNAL TEMP 28 SEPULVEDA ANG GAIN 2 STANDARD 15.0K</p> <p>COMPOUND NAME PEAK R.T. AREA/PPM UNKNOWN 1 21.9 248.3 μS TOLUENE 2 83.7 0.248 PPB MP XYLENE 4 124.4 0.104 PPB</p>	<p>PHOTOVAC</p> <p>STOP # 400.0 SAMPLE LIBRARY 1 JUN 10 1994 10:22 ANALYSIS # 3 MARK ESCOBAR INTERNAL TEMP 29 SEPULVEDA ANG GAIN 2 BGLS01-11 10FT</p> <p>COMPOUND NAME PEAK R.T. AREA/PPM UNKNOWN 1 22.1 272.9 μS TOLUENE 3 86.1 0.320 PPB MP XYLENE 5 126.0 0.125 PPB UNKNOWN 6 230.3 8.4 μS</p>	<p>PHOTOVAC</p> <p>STOP # 400.0 SAMPLE LIBRARY 1 JUN 10 1994 10:30 ANALYSIS # 4 MARK ESCOBAR INTERNAL TEMP 29 SEPULVEDA ANG GAIN 2 BGLS01-11 15FT</p> <p>COMPOUND NAME PEAK R.T. AREA/PPM UNKNOWN 1 22.1 2.6 US TOLUENE 2 82.5 6.514 PPB MP XYLENE 4 123.2 0.041 PPB</p>

BLANK

PHOTOVAC

STOP # 400.0
 SAMPLE LIBRARY 1 JUN 10 1994 11:24
 ANALYSIS # 5 MARK ESCOBAR
 INTERNAL TEMP 30 SEPULVEDA ANG
 GAIN 2
 COMPOUND NAME PEAK R.T. AREA/PPH
 UNKNOWN 1 21.7 244.4 mUS
 TOLUENE 2 82.5 0.510 PPB
 UNKNOWN 4 225.5 38.4 mUS

AOCSL-04 10FT

PHOTOVAC

STOP # 400.0
 SAMPLE LIBRARY 1 JUN 10 1994 11:33
 ANALYSIS # 6 MARK ESCOBAR
 INTERNAL TEMP 30 SEPULVEDA ANG
 GAIN 2
 COMPOUND NAME PEAK R.T. AREA/PPH
 UNKNOWN 1 21.7 229.4 mUS
 TOLUENE 2 82.5 0.522 PPB
 MP XYLENE 4 174.4 0.039 PPB
 UNKNOWN 5 223.9 10.0 mUS

AOCSL-04 15FT

PHOTOVAC

STOP # 400.0
 SAMPLE LIBRARY 1 JUN 10 1994 11:40
 ANALYSIS # 7 MARK ESCOBAR
 INTERNAL TEMP 31 SEPULVEDA ANG
 GAIN 2
 COMPOUND NAME PEAK R.T. AREA/PPH
 UNKNOWN 1 21.7 482.8 mUS
 TOLUENE 2 80.7 1.867 PPB
 MP XYLENE 4 120.8 0.128 PPB
 UNKNOWN 5 227.9 10.7 mUS

BLANK

PHOTOVAC

START 100.0
2
3
4
5
6

STOP 100.0
SAMPLE LIBRARY 1 JUN 10 1994 14:56
ANALYSIS # 8 MARK ESCOBAR
INTERNAL TEMP 32 SEPULVEDA ANG
GAIN 2 BLANK

COMPOUND NAME PEAK R.T. AREA/PPH
UNKNOWN 1 21.5 242.4 mUS
TOLUENE 2 81.3 0.556 PFB
MP XYLENE 4 122.0 0.053 PFB
UNKNOWN 5 223.9 9.4 mUS

AOCSL-02 10FT

PHOTOVAC

START 100.0
3
4
5
6
7

STOP 100.0
SAMPLE LIBRARY 1 JUN 10 1994 15:14
ANALYSIS # 9 MARK ESCOBAR
INTERNAL TEMP 32 SEPULVEDA ANG
GAIN 2

AOCSL-02 10FT

COMPOUND NAME PEAK R.T. AREA/PPH
UNKNOWN 1 21.5 145.0 mUS
TOLUENE 3 82.5 1.288 PFB
UNKNOWN 5 220.9 52.6 mUS

AOCSL-03 10FT

PHOTOVAC

START 100.0
2
3
4
5
6

STOP 100.0
SAMPLE LIBRARY 1 JUN 10 1994 15:14
ANALYSIS # 11 MARK ESCOBAR
INTERNAL TEMP 32 SEPULVEDA ANG
GAIN 2

AOCSL-03 10FT

COMPOUND NAME PEAK R.T. AREA/PPH
UNKNOWN 1 21.5 231.2 mUS
TOLUENE 2 81.3 1.185 PFB
UNKNOWN 4 219.4 39.2 mUS

APPENDIX D

CHEMICAL ANALYSES RESULTS FOR
QUALITY ASSURANCE/QUALITY CONTROL SAMPLES

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EXPLANATION OF TABLE ORGANIZATION AND NOMENCLATURE

Each table in the appendix is a matrix which consists of samples (listed in columns) and analyses (listed in rows). In some cases, the matrix consists of more samples (columns) and/or more analyses (rows) than can be presented on a single sheet. The method of presentation used is that for a specific set of parameters (rows) with the results for all the samples (columns) analyzed presented. The table continuation pages are labeled as such for each parameter. For the next set of parameters, the results are given for all the samples analyzed. The physical pages themselves are numbered sequentially as they appear in this appendix.

The following nomenclature is used in the tables:

Parameter: Parameter for which the analysis was performed.

Location: The sampling location identifier.

Date Sampled: The sampling date.

Laboratory

Sample No.: The numeric identifier assigned to the sample by the laboratory.

Report No.: Laboratory reference as to how the data was shipped and reported to the client.

N: —Indicates analysis was not run.

U: —Indicates sample was analyzed for but was not detected.

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Table D-1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Volatile Organic Analyses for Trip Blanks
 (Results in micrograms per liter)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	Trip #1 6-3-94 Trip #1 941433-0013	Trip Blank 6-9-94 Trip Blank 941448-0016	Trip Blank 6-3-94 Trip Blank 941448-0018	Trip Blank 6-10-94 Trip Blank 941458-0023	Trip Blank 6-10-94 Trip Blank 941458-0026
VOLATILE ORGANICS	Water 941433	Water 941448	Water 941448	Water 941458	Water 941458
Matrix Data Package					
Acetone	10U	10U	10U	10U	10U
Benzene	5U	5U	5U	5U	5U
Bromodichloromethane	5U	5U	5U	5U	5U
Bromoform	5U	5U	5U	5U	5U
Bromomethane	10U	10U	10U	10U	10U
2-butanone	10U	10U	10U	10U	10U
Carbon disulfide	5U	5U	5U	5U	5U
Carbon tetrachloride	5U	5U	5U	5U	5U
Chlorobenzene	5U	5U	5U	5U	5U
Chlorodibromomethane	5U	5U	5U	5U	5U
Chloroethane	10U	10U	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U	10U	10U
Chloroform	5U	5U	5U	5U	5U
Chloromethane	10U	10U	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U	5U	5U
Ethylbenzene	5U	5U	5U	5U	5U
2-Hexanone	10U	10U	10U	10U	10U
Methylene Chloride	5U	5U	5U	5	6
4-Methyl-2-pentanone	10U	10U	10U	10U	10U
Styrene	5U	5U	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U	5U	5U
Tetrachloroethene	5U	5U	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U	5U	5U
Trichloroethene	5U	5U	5U	5U	5U
Toluene	5U	5U	5U	5U	5U
Vinyl acetate	10U	10U	10U	10U	10U
Vinyl chloride	10U	10U	10U	10U	10U
Total Xylenes	5U	5U	5U	5U	5U

Table D-2
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Chemical Analyses for Equipment Blanks
(Results in micrograms per liter)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	Equipment Blank #1 6-9-94 Equipment Blank #1 941448-0017	Rinsate #1 6-10-94 Rinsate #1 941458-0024	Rinsate #2 6-10-94 Rinsate #2 941458-0025
Matrix Volatile Organics Data Package	Water 941448	Water 941458	Water 941458
Acetone	10U	10U	10U
Benzene	5U	5U	5U
Bromodichloromethane	5U	5U	5U
Bromoform	5U	5U	5U
Bromomethane	10U	10U	10U
2-butanone	10U	10U	10U
Carbon disulfide	5U	5U	5U
Carbon tetrachloride	5U	5U	5U
Chlorobenzene	5U	5U	5U
Chlorodibromomethane	5U	5U	5U
Chloroethane	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U
Chloroform	5U	5U	5U
Chloromethane	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U
Ethylbenzene	5U	5U	5U
2-Hexanone	10U	10U	10U
Methylene Chloride	5U	6	5
4-Methyl-2-pentanone	10U	10U	10U
Styrene	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U
Tetrachloroethene	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U
Trichloroethene	5U	5U	5U
Toluene	5U	5U	5U
Vinyl acetate	10U	10U	10U
Vinyl chloride	10U	10U	10U
Total Xylenes	5U	5U	5U

Table D-2 (Continued)
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Chemical Analyses for Equipment Blanks
(Results in micrograms per liter)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	Equipment Blank #1 6-9-94 Equipment Blank #1 941448-0017	Rinsate #1 6-10-94 Rinsate #1 941458-0024	Rinsate #2 6-10-94 Rinsate #2 941458-0025
Matrix Semivolatile Organics Data Package	Water 941448	Water 941458	Water 941458
Acenaphthene	10U	10U	10U
Acenaphthylene	10U	10U	10U
Anthracene	10U	10U	10U
Benzidine	20U	20U	20U
Benzo(a)anthracene	10U	10U	10U
Benzo(a)pyrene	10U	10U	10U
Benzo(b)fluoranthene	10U	10U	10U
Benzo(g,h,i)perylene	10U	10U	10U
Benzo(k)fluoranthene	10U	10U	10U
Benzoic acid	20U	20U	20U
Benzyl alcohol	10U	10U	10U
Bis(2-chloroethoxy)methane	10U	10U	10U
Bis(2-chloroethyl)ether	10U	10U	10U
Bis(2-chloroisopropyl)ether	10U	10U	10U
Bis(2-ethylhexyl)phthalate	10U	10U	10U
4-Bromophenyl phenyl ether	10U	10U	10U
Butyl benzyl phthalate	10U	10U	10U
4-Chloroaniline	20U	20U	20U
4-Chloro-3-methylphenol	10U	10U	10U
2-Chloronaphthalene	10U	10U	10U
2-Chlorophenol	10U	10U	10U
4-Chlorophenyl phenyl ether	10U	10U	10U
Chrysene	10U	10U	10U
Dibenzofuran	10U	10U	10U
1,2-Dichlorobenzene	10U	10U	10U
1,3-Dichlorobenzene	10U	10U	10U
1,4-Dichlorobenzene	10U	10U	10U
3,3'-Dichlorobenzidine	20U	20U	20U
2,4-Dichlorophenol	10U	10U	10U
Dibenzo(a,h)anthracene	10U	10U	10U
Di-n-butyl phthalate	10U	10U	10U
Diethyl phthalate	10U	10U	10U
2,4-Dimethylphenol	10U	10U	10U
Dimethyl phthalate	10U	10U	10U
4,6-Dinitro-2-methylphenol	10U	10U	10U
2,4-Dinitrophenol	10U	10U	10U
2,4-Dinitrotoluene	10U	10U	10U

Table D-2 (Continued)
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Chemical Analyses for Equipment Blanks
 (Results in micrograms per liter)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		Equipment Blank #1 6-9-94 Equipment Blank #1 941448-0017	Rinsate #1 6-10-94 Rinsate #1 941458-0024	Rinsate #2 6-10-94 Rinsate #2 941458-0025
Matrix Semivolatile Organics Data Package		Water 941448	Water 941458	Water 941458
2,6-Dinitrotoluene		10U	10U	10U
Di-n-octyl phthalate		10U	10U	10U
Fluorene		10U	10U	10U
Fluoranthene		10U	10U	10U
Hexachlorobenzene		10U	10U	10U
Hexachlorobutadiene		10U	10U	10U
Hexachlorocyclopentadiene		10U	10U	10U
Hexachloroethane		10U	10U	10U
Indeno(1,2,3-cd)pyrene		10U	10U	10U
Isophorone		10U	10U	10U
2-Methylnaphthalene		10U	10U	10U
2-Methylphenol		10U	10U	10U
4-Methylphenol		10U	10U	10U
2-Nitroaniline		10U	10U	10U
3-Nitroaniline		50U	50U	50U
4-Nitroaniline		50U	50U	50U
2-Nitrophenol		10U	10U	10U
4-Nitrophenol		10U	10U	10U
N-Nitrosodimethylamine		50U	50U	50U
N-Nitrosodi-n-propylamine		10U	10U	10U
N-Nitrosodiphenylamine		10U	10U	10U
Naphthalene		10U	10U	10U
Nitrobenzene		10U	10U	10U
Pentachlorophenol		20U	20U	20U
Phenanthrene		10U	10U	10U
Phenol		10U	10U	10U
Pyrene		10U	10U	10U
1,2,4-Trichlorobenzene		10U	10U	10U
2,4,5-Trichlorophenol		10U	10U	10U
2,4,6-Trichlorophenol		10U	10U	10U

Table D-2 (Concluded)
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Chemical Analyses for Equipment Blanks
(Results in milligrams per liter)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		Equipment Blank #1 6-9-94 Equipment Blank #1 941448-0017	Rinsate #1 6-10-94 Rinsate #1 941458-0024	Rinsate #2 6-10-94 Rinsate #2 941458-0025
Priority Metals	Matrix Data Package	Water 941448	Water 941458	Water 941458
Antimony		0.005U	0.005U	0.005U
Arsenic		0.005U	0.005U	0.005U
Beryllium		0.005U	0.005U	0.005U
Cadmium		0.005U	0.005U	0.005U
Chromium		0.005U	0.005	0.008
Copper		0.007	0.006	0.035
Lead		0.005U	0.005U	0.007
Nickel		0.018	0.011	0.012
Silver		0.005U	0.005U	0.005U
Thallium		0.005U	0.005U	0.005U
Zinc		0.062	0.034	0.16
Mercury		0.010U	0.010U	0.010U
Selenium		0.002U	0.3U	0.3U

Field Sample No.: Lab Sample No.:	Equipment Blank #1 941448-0017	Rinsate #1 941458-0024	Rinsate #2 941458-0025
TPH (Diesel) (mg/l)	10U	10U	10U
TPH (Gasoline) (ug/l)	100U	100U	100U
Oil and Grease (mg/l)	5U	N	N

Table D-3
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Chemical Analyses for MS/MSD Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		SB-4-4' MS 6-9-94 SB-4-4' MS 941448-0014	SB-4-4' MSD 6-9-94 SB-4-4' MSD 941448-0015	AOCSL-04-5' MS 6-10-94 AOCSL-04-5' MS 941458-0022	AOCSL-04-5' MSD 6-10-94 AOCSL-04-5' MSD 941458-0027
Matrix		Soil	Soil	Soil	Soil
Volatile Organics	Data Package	941448	941448	941458	941448
Acetone		26	29	10U	10U
Benzene		46	47	44	47
Bromodichloromethane		5U	5U	5U	5U
Bromoform		5U	5U	5U	5U
Bromomethane		10U	10U	10U	10U
2-butanone		10U	10U	10U	10U
Carbon disulfide		5U	5U	5U	5U
Carbon tetrachloride		5U	5U	5U	5U
Chlorobenzene		42	42	40	44
Chlorodibromomethane		5U	5U	5U	5U
Chloroethane		10U	10U	10U	10U
2-Chloroethylvinyl ether		10U	10U	10U	10U
Chloroform		5U	5U	5U	5U
Chloromethane		10U	10U	10U	10U
1,1-Dichloroethane		5U	5U	5U	5U
1,2-Dichloroethane		5U	5U	5U	5U
1,1-Dichloroethene		47	44	47	49
Total 1,2-Dichloroethenes		5U	5U	5U	5U
1,2-Dichloropropane		5U	5U	5U	5U
cis-1,3-Dichloropropene		5U	5U	5U	5U
trans-1,3-Dichloropropene		5U	5U	5U	5U
Ethylbenzene		5U	5U	5U	5U
2-Hexanone		10U	10U	10U	10U
Methylene Chloride		18	15	28	29
4-Methyl-2-pentanone		10U	10U	10U	10U
Styrene		5U	5U	5U	5U
1,1,2,2-Tetrachloroethane		5U	5U	5U	5U
Tetrachloroethene		5U	5U	5U	5U
1,1,1-Trichloroethane		5U	5U	5U	5U
1,1,2-Trichloroethane		5U	5U	5U	5U
Trichloroethene		44	45	43	46
Toluene		45	44	42	47
Vinyl acetate		10U	10U	10U	10U
Vinyl chloride		10U	10U	10U	10U
Total Xylenes		5U	5U	5U	5U
Field Sample No.:		SB-4-4' MS	SB-4-4' MSD	AOCSL-04-5' MS	AOCSL-04-5' MSD
Lab Sample No.:		941448-0014	941448-0015	941458-0022	941458-0027
TPH (Diesel) (mg/kg)		490	420	N	N
TPH (Gasoline) (ug/kg)		870	940	N	N
Oil and Grease (mg/kg)		190	200	N	N
Sulfate (mg/kg)		N	N	220	220
Hydrazine (ug/kg)		N	N	860	880

Table D-3 (Continued)
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Chemical Organic Analyses for MS/MSD Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		SB-4-4' MS 6-9-94 SB-4-4' MS 941448-0014	SB-4-4' MSD 6-9-94 SB-4-4' MSD 941448-0015	AOCSL-04-5' MS 6-10-94 AOCSL-04-5' MS 941458-0022	AOCSL-04-5' MSD 6-10-94 AOCSL-04-5' MSD 941458-0027
Semivolatile Organics	Matrix Data Package	Soil 941448	Soil 941448	Soil 941458	Soil 941458
Acenaphthene		1700	1800	1700	1100
Acenaphthylene		330U	330U	330U	330U
Anthracene		330U	330U	330U	330U
Benzidine		670U	670U	670U	670U
Benzo(a)anthracene		330U	330U	330U	330U
Benzo(b)fluoranthene		330U	330U	330U	330U
Benzo(k)fluoranthene		330U	330U	330U	330U
Benzoic acid		670U	670U	670U	670U
Benzo(g,h,i)perylene		330U	330U	330U	330U
Benzo(a)pyrene		330U	330U	330U	330U
Benzyl alcohol		330U	330U	330U	330U
Bis(2-chloroethoxy)methane		330U	330U	330U	330U
Bis(2-chloroethyl)ether		330U	330U	330U	330U
Bis(2-chloroisopropyl)ether		330U	330U	330U	330U
Bis(2-ethylhexyl)phthalate		330U	330U	330U	330U
4-Bromophenyl phenyl ether		330U	330U	330U	330U
Butyl benzyl phthalate		330U	330U	330U	330U
4-Chloroaniline		670U	670U	670U	670U
4-Chloro-3-methylphenol		3200	3300	3300	3100
2-Chloronaphthalene		330U	330U	330U	330U
2-Chlorophenol		2900	3200	3000	2800
4-Chlorophenyl phenyl ether		330U	330U	330U	330U
Chrysene		330U	330U	330U	330U
Di-n-butyl phthalate		1800	2000	1900	1800
1,2-Dichlorobenzene		330U	330U	330U	330U
1,3-Dichlorobenzene		330U	330U	330U	330U
1,4-Dichlorobenzene		1700	1800	1700	1600
3,3'-Dichlorobenzidine		330U	330U	330U	330U
2,4-Dichlorophenol		670U	670U	670U	670U
Dibenzo(a,h)anthracene		330U	330U	330U	330U
Dibenzofuran		330U	330U	330U	330U
Diethyl phthalate		330U	330U	330U	330U
2,4-Dimethylphenol		330U	330U	330U	330U
Dimethyl phthalate		330U	330U	330U	330U
4,6-Dinitro-2-methylphenol		670U	670U	670U	670U
2,4-Dinitrophenol		330U	330U	330U	330U
2,4-Dinitrotoluene		1500	1600	1200	1100

Table D-3 (Continued)
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Chemical Organic Analyses for MS/MSD Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		SB-4-4' MS 6-9-94 SB-4-4' MS 941448-0014	SB-4-4' MSD 6-9-94 SB-4-4' MSD 941448-0015	AOC SL-04-5' MS 6-10-94 AOC SL-04-5' MS 941458-0022	AOC SL-04-5' MSD 6-10-94 AOC SL-04-5' MSD 941458-0027
Semivolatile Organics	Matrix Data Package	Soil 941448	Soil 941448	Soil 941458	Soil 941458
2,6-Dinitrotoluene		330U	330U	330U	330U
Di-n-octyl phthalate		330U	330U	330U	330U
Fluorene		330U	330U	330U	330U
Fluoranthene		330U	330U	330U	330U
Hexachlorobenzene		330U	330U	330U	330U
Hexachlorobutadiene		330U	330U	330U	330U
Hexachlorocyclopentadiene		330U	330U	330U	330U
Hexachloroethane		330U	330U	330U	330U
Indeno(1,2,3-cd)pyrene		330U	330U	330U	330U
Isophorone		330U	330U	330U	330U
2-Methylnaphthalene		330U	330U	330U	330U
2-Methylphenol		330U	330U	330U	330U
4-Methylphenol		330U	330U	330U	330U
2-Nitroaniline		330U	330U	330U	330U
3-Nitroaniline		1700U	1700U	1700U	1700U
4-Nitroaniline		1700U	1700U	1700U	1700U
2-Nitrophenol		670U	670U	670U	670U
4-Nitrophenol		670U	670U	670U	670U
N-Nitrosodimethylamine		1700U	1700U	1700U	1700U
N-Nitrosodi-n-propylamine		2000	2300	1900	1800
N-Nitrosodiphenylamine		330U	330U	330U	330U
Naphthalene		330U	330U	330U	330U
Nitrobenzene		330U	330U	330U	330U
Pentachlorophenol		2900	3200	5000	4500
Phenanthrene		330U	330U	330U	330U
Phenol		2800	3200	3500	3300
Pyrene		2300	2500	2400	2000
1,2,4-Trichlorobenzene		1700	1800	1900	1800
2,4,5-Trichlorophenol		330U	330U	330U	330U
2,4,6-Trichlorophenol		330U	330U	330U	330U

Table D-3 (Concluded)
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Chemical Analyses for MS/MSD Samples
(Results in milligrams per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		SB-4-4' MS 6-9-94 SB-4-4' MS 941448-0014	SB-4-4' MSD 6-9-94 SB-4-4' MSD 941448-0015	AOCSL-04-5' MS 6-10-94 AOCSL-04-5' MS 941458-0022	AOCSL-04-5' MSD 6-10-94 AOCSL-04-5' MSD 941458-0027
Matrix		Soil	Soil	Soil	Soil
Priority Metals	Data Package	941448	941448	941458	941458
Antimony		0.500U	3.3	3.6	4.7
Arsenic		1.4	33	36	36
Beryllium		0.500U	28	0.500U	24
Cadmium		0.67	47	44	44
Chromium		8.6	46	55	56
Copper		10	41	48	51
Lead		4.2	81	84	76
Nickel		13	54	61	65
Silver		0.500U	3.3	1.6	1.5
Thallium		0.500U	51	60	54
Zinc		32	74	82	84
Mercury		0.017	0.027	0.010U	0.022
Selenium		3.0U	3.0U	3.0U	3.0U

(Results in micrograms per kilogram)

Field Sample No.: Lab Sample No.:		SB-4-4' MS 941448-0014	SB-4-4' MSD 941448-0015	AOCSL-04-5' MS 941458-0022	AOCSL-04-5' MSD 941458-0022
Matrix		Soil	Soil	Soil	Soil
Pesticides/PCBs	Data Package	941448	941448	941458	941458
a-BHC		N	N	1.65U	1.65U
b-BHC		N	N	1.65U	1.65U
Delta-BHC		N	N	1.65U	1.65U
g-BHC		N	N	7.0	7.5
Heptachlor		N	N	7.2	7.5
Aldrin		N	N	7.9	8.8
Heptachloroepoxide		N	N	1.65U	1.65U
Endosulfan I		N	N	1.65U	1.65U
4,4'-DDE		N	N	1.65U	1.65U
Dieldrin		N	N	13	16
Endrin		N	N	16	19
Endosulfan II		N	N	1.65U	1.65U
4,4'-DDD		N	N	1.65U	1.65U
Endrin aldehyde		N	N	1.65U	1.65U
Endosulfan sulfate		N	N	1.65U	1.65U
4,4'-DDT		N	N	14	17
Methoxychlor		N	N	3.3U	3.3U
Chlordane		N	N	33U	33U
Toxaphene		N	N	33U	33U
Aroclor-1016		N	N	33U	33U
Aroclor-1221		N	N	33U	33U
Aroclor-1232		N	N	33U	33U
Aroclor-1242		N	N	33U	33U
Aroclor-1248		N	N	33U	33U
Aroclor-1254		N	N	33U	33U
Aroclor-1260		N	N	33U	33U



OPERATIONAL TECHNOLOGIES
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SEPULVEDA AIR NATIONAL GUARD SITE INVESTIGATION
VAN NUYS, CALIFORNIA 1315-119-S002
CORE LABORATORIES, ANAHEIM, CALIFORNIA
DATA VALIDATION BRIEF SUMMARY

SAMPLE:

SOILS

SB-1 6"

VOA/SW8240 = *No compounds detected above the detection limits.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hit above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hit above the detection limit of 500 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, Tl, and Se. Other elements were detected above the stated detection limits.
*All met 6 month holding times.
*COC information verified.

OIL/GREASE

SM 5520= *A final result was at 34 mg/kg with a detection limit of 5 mg/kg.
*Met 28 day holding time.
*COC information verified.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

SB-1 20'

VOA/SW8240 = **No compounds detected above the detection limits.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = **Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= **Met 28 day holding time.
*COC information verified.
*No hit above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= **Met 28 day holding time.
*COC information verified.
*No hit above the detection limit of 500 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
Blanks were clean of any hits above the detection limits.

METALS

6010/7000= **Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, Tl, and Se. Other elements were detected above the stated detection limits.
*All met 6 month holding times.
COC information verified.

OIL/GREASE

SM 5520= **No results above the a detection limit of 5 mg/kg.
*Met 28 day holding time.
*COC information verified.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
Blanks were clean of any hits above the detection limits.

SB-2 6"

VOA/SW8240 = *No compounds detected above the detection limits.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits according to the report form but calculations state that Toluene had a percent recovery of 112% outside the QC Limits. Question pending.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015=

*Met 28 day holding time.

*COC information verified.

*No hit above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015=

*Met 28 day holding time.

*COC information verified.

*No hit above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, and Tl. Other elements were detected above the stated detection limits.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*Result of 380 mg/kg was above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-2 20'

VOA/SW8240 = *Acetone was detected at 11 ug/kg with a detection limit of 10 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits according to the report for n but calculations state that Toluene had a percent recovery of 112% outside the QC Limits. Question pending.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hit above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hit above the detection limit of 500 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Be, Ag, Tl, and Se. Other elements were detected above the stated detection limits.
*All met 6 month holding times.
*COC information verified.

OIL/GREASE
SM 5520= *No result was above the a detection limit of 5 mg/kg.
*Met 28 day holding time.
*COC information verified.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

SB-3 6"

VOA/SW8240 = *1,1,2-Trichloroethane was detected at 5.54 ug/kg with a detection limit of 5 ug/kg but the report form states "ND". Question pending.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits according to the report form but calculations state that Toluene had a percent recovery of 113% outside the QC Limits. Question pending.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hit above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hit above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, and Tl. Other elements were detected above the stated detection limits.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*A result of 8500 mg/kg was above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-3 20'

VOA/SW8240 = *No compounds detected above the detection limits.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hit above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hit above the detection limit of 500 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, Tl, and Se. Other elements were detected above the stated detection limits.
*All met 6 month holding times.
*COC information verified.

OIL/GREASE
SM 5520= *No result was above the a detection limit of 5 mg/kg.
*Met 28 day holding time.
*COC information verified.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

SB-4 6"

VOA/SW8240 = *Acetone was detected at 59 ug/kg, Methylene chloride detected at 29 ug/kg, Toluene detected at 39 ug/kg, and Total Xylenes detected at 31 ug/kg. 1,1,2-Trichloroethane was calculated at 29.35 ug/kg but the report form displays "ND" at 25 ug/kg. A 5x dilution was performed due to high hydrocarbon presence.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned. A 6x dilution was performed for this analysis due to high conc. of hydrocarbons.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*Hit at 1400 mg/kg above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hit above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, and Tl. Other elements were detected above the stated detection limits.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520= *A result of 5700 mg/kg was above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-4 6" DUP

VOA/SW8240 = *Acetone was detected at 49 ug/kg and Methylene chloride was detected at 18 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hit above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Be, Ag, Se, Hg, and Tl. Other elements were detected above the stated detection limits.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*A result of 28 mg/kg was detected above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-4 4'

VOA/SW8240 = *Acetone was detected at 31 ug/kg and Methylene chloride detected at 18 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hit above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*A result of 28 mg/kg was detected above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-4 4' MS

VOA/SW8240 = *Acetone was detected at 26 ug/kg and Methylene chloride detected at 18 ug/kg. All spiked compounds were recovered within QC Criteria.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned. All spiked compounds were recovered within QC Criteria.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.
*COC information verified.
*A spiked result at 490 mg/kg was above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.
*COC information verified.
*A spiked result of 870 ug/kg was above the detection limit of 500 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

OIL/GREASE
SM 5520= *A spiked result of 190 mg/kg was detected above the a detection limit of 5 mg/kg.
*Met 28 day holding time.
*COC information verified.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

SB-4 4' MSD

VOA/SW8240 = *Acetone was detected at 29 ug/kg and Methylene chloride detected at 15 ug/kg. All spiked compounds and RPD's were recovered within QC Criteria.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned. All spiked compounds were recovered within QC Criteria. All RPD's were within QC Criteria.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*A spiked result at 420 mg/kg was above the detection limit of 10 mg/kg. All RPD's were within QC Criteria.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*A spiked result of 940 ug/kg was above the detection limit of 500 ug/kg. All RPD's were within QC Criteria.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*The Element that was not detected above the detection limit was Se. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*A spiked result of 200 mg/kg was detected above the a detection limit of 5 mg/kg. All RPD's were within QC Criteria.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-4 20'

VOA/SW8240 = *No compounds detected above the detection limits.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hit above the detection limit of 500 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, Se, and Tl. Other elements were detected above the stated detection limits.
*All met 6 month holding times.
*COC information verified.

**OIL/GREASE
SM 5520=**

*No results above the a detection limit of 5 mg/kg.
*Met 28 day holding time.
*COC information verified.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

SB-5 6"

VOA/SW8240 = *Methylene Chloride was detected at 820 ug/kg with a detection limit of 500 ug/kg. Total Xylenes was calculated at 643 ug/kg with a detection limit of 500 ug/kg, but the report states "ND". Question pending. A 100x dilution was performed.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Hit on 4-Methylphenol that above the detection limits assigned. A 6x dilution was performed due to the high conc. of hydrocarbons.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015=

*Met 28 day holding time.

*COC information verified.

*Hits on Hydrocarbons range c6-c40+ at a result of 1300 mg/kg that above the detection limit of 50 mg/kg. A 5x dilution was performed due to high conc. of hydrocarbons.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015=

*Met 28 day holding time.

*COC information verified.

*Hit at 530 ug/kg that was above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to high conc. of hydrocarbons.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*A result of 20000 mg/kg was above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-5 6" DUP

VOA/SW8240 = *Acetone was detected at 460 ug/kg, Benzene was detected at 380 ug/kg, Ethylbenzene was detected at 180 ug/kg, Methylene chloride was detected at 40 ug/kg, Toluene was detected at 630 ug/kg, and Total xylenes was detected at 550 ug/kg.

*All met 14 day holding time.

*COC information verified.

*Toluene was out of QC Criteria due to matrix interference. All other surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned. A 6x dilution was performed for this analysis due to the high conc. of hydrocarbons present.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*Hits on c22-c40+ hydrocarbons at results of 3600 mg/kg and c9-c19 hydrocarbons at results of 1700 mg/kg that were above the detection limit of 100 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*A result of 51000 mg/kg was detected above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-5 2'

VOA/SW8240 = *Acetone was detected at 76 ug/kg, 2-Butanone was detected at 16 ug/kg, Methylene chloride at 16 ug/kg, Toluene at 12 ug/kg, and Total xylenes at 20 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hit above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*A result of 1000 mg/kg was detected above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-5 4'

VOA/SW8240 = *Acetone was detected at 27 ug/kg, 2-Butanone was detected at 7 ug/kg, and Methylene chloride at 12 ug/kg at 20 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.
*Missing raw data/chromatograms.

SVOA/8270 = *Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hit above the detection limit of 500 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

OIL/GREASE
SM 5520= *A result of 170 mg/kg was detected above the a detection limit of 5 mg/kg.
*Met 28 day holding time.
*COC information verified.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

SB-5 20'

VOA/SW8240 = *Acetone was detected at 12 ug/kg with a detection limit of 10 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hit above the detection limit of 500 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, and Tl. Other elements were detected above the stated detection limits.
*All met 6 month holding times.
*COC information verified.

OIL/GREASE

SM 5520= *No results above the a detection limit of 5 mg/kg.
*Met 28 day holding time.
*COC information verified.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

SB-6 6"

VOA/SW8240 = *Benzene was detected at 32 ug/kg, Ethylbenzene detected at 12 ug/kg, Toluene at 12 ug/kg, and Total xylenes at 23 ug/kg. Also, Methylene chloride was detected at 6.14 ug/kg, Acetone at 141.59 ug/kg, and 2-Butanone at 30.49 ug/kg, and 1,1,2-Trichloroethane at 19.03 ug/kg but the report forms state that these are "ND". Questions pending. A 2x dilution was performed due to surrogates outside QC Limits.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned. A 2x dilution was performed due to matrix interference and high conc. of hydrocarbons.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*Hits on c7-c10 hydrocarbons at a result of 310 mg/kg and on c22-c40 hydrocarbons at a result of 490 mg/kg that were above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*A hit at 720 ug/kg was above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, and Tl. Other elements were detected above the stated detection limits.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*A result of 2800 mg/kg was above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-6 20'

VOA/SW8240 = *Methylene Chloride was detected at 5 ug/kg with a detection limit of 5 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*No results were above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-7 6"

VOA/SW8240 = *Methylene chloride was detected at 21 ug/kg with a detection limit of 5 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*A result of 1600 mg/kg was above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-7 20'

VOA/SW8240 = *Methylene chloride was detected at 6 ug/kg with a detection limit of 5 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*No results were above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-8 6"

VOA/SW8240 = *Methylene chloride was detected at 5 ug/kg with a detection limit of 5 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015=

*Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*No results were above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-8 20'

VOA/SW8240 = *Methylene chloride was detected at 11 ug/kg with a detection limit of 5 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*No results were above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-9 6"

VOA/SW8240 = *No compounds detected above the detection limits.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hits were above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 500 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

OIL/GREASE

SM 5520= *A result of 250 mg/kg was above the a detection limit of 5 mg/kg.
*Met 28 day holding time.
*COC information verified.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

SB-9 5'

VOA/SW8240 = *Methylene chloride was detected at 17.5 ug/kg with a detection limit of 5 ug/kg but the report states "ND". Questions pending.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Be, Cd, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*No results were above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-9 20'

VOA/SW8240 = **No compounds detected above the detection limits.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = **Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= **Met 28 day holding time.
*COC information verified.
*No hits were above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= **Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 500 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
Blanks were clean of any hits above the detection limits.

METALS

6010/7000= **Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
COC information verified.

OIL/GREASE

SM 5520= **No results were above the a detection limit of 5 mg/kg.
*Met 28 day holding time.
*COC information verified.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
Blanks were clean of any hits above the detection limits.

SB-10 6"

VOA/SW8240 = *Methylene chloride was detected at 33 ug/kg with a detection limit of 5 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520= *A result of 310 mg/kg was above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

SB-10 20'

VOA/SW8240 = *Methylene chloride was detected at 14 ug/kg with a detection limit of 5 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 500 ug/kg.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

OIL/GREASE

SM 5520=

*No results were above the a detection limit of 5 mg/kg.

*Met 28 day holding time.

*COC information verified.

*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.

*Blanks were clean of any hits above the detection limits.

AOCSL-01 6"

VOA/SW8240 = *Methylene Chloride was detected at 48 ug/kg with a detection limit of 5 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.

*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recoveries and control standards met acceptance criteria.

*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 25 ug/kg.

*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, Hg, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

AOCSL-01 4'

VOA/SW8240 = *Methylene Chloride was detected at 88 ug/kg with a detection limit of 5 ug/kg.

*All met 14 day holding time.

*COC information verified.

*Toluene was calculated at 109% rec but the report states 100%.
Correction pending. All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.

*Blanks were clean of any hits above the detection limits.

Sulfates/375.3=

*Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recoveries and control standards met acceptance criteria.

*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385=

*Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 25 ug/kg.

*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

AOCSL-01 4' DUP

VOA/SW8240 = *Acetone was detected at 11 ug/kg and Methylene chloride was detected at 75 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.

*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recoveries and control standards met acceptance criteria.

*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 25 ug/kg.

*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

AOCSL-01 10'

VOA/SW8240 = *Acetone was detected at 14 ug/kg and Methylene chloride was detected at 75 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.

*Blanks were clean of any hits above the detection limits.

Sulfates/375.3=

*Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recoveries and control standards met acceptance criteria.

*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385=

*Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 50 ug/kg.

*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

AOCSL-01 20'

VOA/SW8240 = *Acetone was detected at 11 ug/kg and Methylene chloride was detected at 82 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *Clean, No hits above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.

*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.

*COC information verified.

*No hits were above the detection limit of 10 mg/kg.

*The Surrogate recoveries and control standards met acceptance criteria.

*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 25 ug/kg.

*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, Hg, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

AOCSL-02 6"

VOA/SW8240 = *Methylene chloride was detected at 77 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*No hits were above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 25 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, Hg, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

AOCSL-02 5'

VOA/SW8240 = *Methylene chloride was detected at 59 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*No hits were above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 25 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, Se, Hg, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

AOCSL-02 15'

VOA/SW8240 = *No compounds were detected above the stated detection limits.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*No hits were above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 25 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, Se, Hg, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

AOCSL-03 6"

VOA/SW8240 = *Methylene chloride was detected at 67 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *Hits on 4,4'-DDE at 3.0 ug/kg, 4,4'-DDD at 2.1 ug/kg, and 4,4'-DDT at 12 ug/kg that were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*A hit at 14 mg/kg was detected above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 50 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, Se, Hg, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

AOCSL-03 5'

VOA/SW8240 = *Methylene chloride was detected at 82 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *Hit on Dieldrin at 2.2 ug/kg that was above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 25 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

AOCSL-03 15'

VOA/SW8240 = *Acetone was detected at 12 ug/kg and Methylene chloride was detected at 62 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.

*Blanks were clean of any hits above the detection limits.

Sulfates/375.3=

*Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 10 mg/kg.

*The Surrogate recoveries and control standards met acceptance criteria.

*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385=

*Met 28 day holding time.

*COC information verified.

*No hits above the detection limit of 25 ug/kg.

*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

AOCSL-04 6"

VOA/SW8240 = *Methylene chloride was detected at 70 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 50 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, Se, and Tl. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

AOCSL-04 5'

VOA/SW8240 = *Methylene chloride was detected at 25 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 50 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, and Se. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

AOCSL-04 5' MS

VOA/SW8240 = *Methylene chloride was detected at 28 ug/kg. All spiked compounds were recovered within QC Criteria.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned. All spiked compounds were recovered within QC Limits.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned. All spiked compounds were recovered within QC Limits.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*A spiked hit at 220 mg/kg was recovered above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*A spiked hit at 860 ug/kg was recovered above the detection limit of 50 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Be, Hg, and Se. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

AOCSL-04 5' MSD

VOA/SW8240 = *Methylene chloride was detected at 29 ug/kg. All spiked compounds were recovered within QC Criteria. All RPD's were within QC Limits.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned. All spiked compounds were recovered within QC Limits. All RPD's were within QC Criteria.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned. All spiked compounds were recovered within QC Limits. All RPD's were within QC Criteria.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.

*Blanks were clean of any hits above the detection limits.

Sulfates/375.3=

*Met 28 day holding time.

*COC information verified.

*A spiked hit at 220 mg/kg was recovered above the detection limit of 10 mg/kg. RPD's were within QC Criteria.

*The Surrogate recoveries and control standards met acceptance criteria.

*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385=

*Met 28 day holding time.

*COC information verified.

*A spiked hit at 880 ug/kg was recovered above the detection limit of 50 ug/kg. RPD's were within QC Criteria.

*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Element that was not detected above the detection limit was Se. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

AOCSL-04 20'

VOA/SW8240 = *Methylene chloride was detected at 38 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*Hit at 11 mg/kg that was detected above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 50 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Cd, and Ag. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

AOCSL-05 3'

VOA/SW8240 = *Methylene chloride was detected at 37 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*No hits that were above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 50 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, and Se. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

AOCSL-05 3' DUP

VOA/SW8240 = *Methylene chloride was detected at 41 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*No hits that were above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 50 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, and Se. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

AOCSL-05 10'

VOA/SW8240 = *Methylene chloride was detected at 46 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*A hit at 71 mg/kg that was above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 50 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, Hg, and Se. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

AOCSL-05 20'

VOA/SW8240 = *Methylene chloride was detected at 34 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*No hits that were above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

Hydrazine/ASTM D-1385= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 50 ug/kg.
*The Surrogate recovery were within QC Criteria. Laboratory control standards met QC acceptance criteria. 5x and 10x dilutions were performed due to limited leachate sample volume.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, Hg, and Se. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

BGLS01-11 6"

VOA/SW8240 = *Methylene chloride was detected at 26 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*Hit at 35 mg/kg was detected above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, Hg, and Se. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

BGLS01-11 5'

VOA/SW8240 = *Methylene chloride was detected at 15 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.
*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.
*COC information verified.
*No hits that detected above the detection limit of 10 mg/kg.
*The Surrogate recoveries and control standards met acceptance criteria.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, Be, Ag, and Se. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.
*All met 6 month holding times.
*COC information verified.

BGLS01-11 15'

VOA/SW8240 = *Methylene chloride was detected at 26 ug/kg.

*All met 14 day holding time.

*COC information verified.

*All surrogate recoveries were within QC limits.

*Initial and Continuing calibrations met EPA acceptance criteria.

*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates and calibrations were valid and within QC Limits.

*Blanks were clean of any hits above the detection limits.

PEST-PCB/8080 = *No hits that were above the detection limits assigned.

*Met 14 extraction holding time and 40 day extract holding time.

*COC information verified.

*Surrogates were valid and within QC Limits. Initial and Continuing calibrations met acceptance QC criteria. Continuing calibrations on 6/20/94 had high %D for endrin however no endrin was found in any samples.

*Blanks were clean of any hits above the detection limits.

Sulfates/375.3= *Met 28 day holding time.

*COC information verified.

*No hits that detected above the detection limit of 10 mg/kg.

*The Surrogate recoveries and control standards met acceptance criteria.

*Blanks were clean of any hits above the detection limits.

METALS

6010/7000=

*Elements that were not detected above the detection limits were Sb, Be, Cd, Ag, and Se. Other elements were detected above the stated detection limits. A 100x dilution was performed due to matrix interference.

*All met 6 month holding times.

*COC information verified.

EQUIPMENT BLANK #1

VOA/SW8240 = *No compounds detected above the detection limits.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *Clean, No hits above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hit above the detection limit of 100 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, As, Be, Cd, Cr, Pb, Ag, Hg, Se, and Tl. Other elements were detected above the stated detection limits.
*All met 6 month holding times.
*COC information verified.

OIL/GREASE
SM 5520= *No results above the a detection limit of 5 mg/kg.
*Met 28 day holding time.
*COC information verified.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

RINSATE #2

VOA/SW8240 = *Methylene chloride was detected at 5 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hits were above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 100 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.
*Blanks were clean of any hits above the detection limits.

METALS
6010/7000= *Elements that were not detected above the detection limits were Sb, As, Be, Cd, Ag, Tl, Hg, and Se. Other elements were detected above the stated detection limits.
*All met 6 month holding times.
*COC information verified.

TRIP BLANK 6/8/94

VOA/SW8240 = *No compounds detected above the detection limits.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

TRIP BLANK 6/9/94

VOA/SW8240 = *No compounds detected above the detection limits.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

TRIP BLANK 6/10/94 I

VOA/SW8240 = *Methylene chloride was detected at 5 ug/kg with the detection limit of 5 ug/kg. Possible contamination due to detection in Trip blank for associated samples.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

TRIP BLANK 6/10/94 II

VOA/SW8240 = *Methylene chloride was detected at 6 ug/kg with the detection limit of 5 ug/kg. Possible contamination due to detection in Trip blank for associated samples.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

RINSATE #1

VOA/SW8240 = *Methylene chloride was detected at 6 ug/kg.
*All met 14 day holding time.
*COC information verified.
*All surrogate recoveries were within QC limits.
*Initial and Continuing calibrations met EPA acceptance criteria.
*Blanks met EPA acceptance criteria for contamination and surrogate recoveries. No compounds were detected above the detection limits.

SVOA/8270 = *No hits were above the detection limits assigned.
*Met 14 extraction holding time and 40 day extract holding time.
*COC information verified.
*Surrogates and calibrations were valid and within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Diesel/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hits were above the detection limit of 10 mg/kg.
*The Surrogate recovery was within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.

TPH-Gas/Mod8015= *Met 28 day holding time.
*COC information verified.
*No hits above the detection limit of 100 ug/kg.
*The Surrogate recovery were within QC Criteria. Calibrations were within QC Limits.
*Blanks were clean of any hits above the detection limits.
*Blanks were clean of any hits above the detection limits.

METALS

6010/7000= *Elements that were not detected above the detection limits were Sb, As, Be, Cd, Pb, Ag, Tl, Hg, and Se. Other elements were detected above the stated detection limits.
*All met 6 month holding times.
*COC information verified.

APPENDIX E
CHEMICAL ANALYSES RESULTS
FOR SOIL SAMPLES

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EXPLANATION OF TABLE ORGANIZATION AND NOMENCLATURE

Each table in the appendix is a matrix which consists of samples (listed in columns) and analyses (listed in rows). In some cases, the matrix consists of more samples (columns) and/or more analyses (rows) than can be presented on a single sheet. The method of presentation used is that for a specific set of parameters (rows) with the results for all the samples (columns) analyzed presented. The table continuation pages are labeled as such for each parameter. For the next set of parameters, the results are given for all the samples analyzed. The physical pages themselves are numbered sequentially as they appear in this appendix.

The following nomenclature is used in the tables:

Parameter: Parameter for which the analysis was performed.

Location: The sampling location identifier.

Date Sampled: The sampling date.

Laboratory

Sample No.: The numeric identifier assigned to the sample by the laboratory.

Report No.: Laboratory reference as to how the data was shipped and reported to the client.

N: -Indicates analysis was not run.

U: -Indicates sample was analyzed for but was not detected.

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Table E-1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Volatile Organic Analyses for Background Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	BGLS01-11-6" 6-10-94 BGLS01-11-6" 941458-0019	BGLS01-11-5' 6-10-94 BGLS01-11-5' 941458-0020	BGLS01-11-15' 6-10-94 BGLS01-11-15' 941458-0021
Matrix Volatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acetone	10U	10U	10U
Benzene	5U	5U	5U
Bromodichloromethane	5U	5U	5U
Bromoform	5U	5U	5U
Bromomethane	10U	10U	10U
2-butanone	10U	10U	10U
Carbon disulfide	5U	5U	5U
Carbon tetrachloride	5U	5U	5U
Chlorobenzene	5U	5U	5U
Chlorodibromomethane	5U	5U	5U
Chloroethane	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U
Chloroform	5U	5U	5U
Chloromethane	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U
Ethylbenzene	5U	5U	5U
2-Hexanone	10U	10U	10U
Methylene Chloride	26	15	26
4-Methyl-2-pentanone	10U	10U	10U
Styrene	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U
Tetrachloroethene	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U
Trichloroethene	5U	5U	5U
Toluene	5U	5U	5U
Vinyl acetate	10U	10U	10U
Vinyl chloride	10U	10U	10U
Total Xylenes	5U	5U	5U

Table E-1A
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Pesticides/PCBs Analyses for Background Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		BGLS01-11-6" 6-10-94 BGLS01-11-6" 941458-0019	BGLS01-11-5' 6-10-94 BGLS01-11-5' 941458-0020	BGLS01-11-15' 6-10-94 BGLS01-11-15' 941458-0021
Pesticides/PCBs	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
a-BHC		1.65U	1.65U	1.65U
b-BHC		1.65U	1.65U	1.65U
Delta-BHC		1.65U	1.65U	1.65U
g-BHC		1.65U	1.65U	1.65U
Heptachlor		1.65U	1.65U	1.65U
Aldrin		1.65U	1.65U	1.65U
Heptachloroepoxide		1.65U	1.65U	1.65U
Endosulfan I		1.65U	1.65U	1.65U
4,4'-DDE		1.65U	1.65U	1.65U
Dieldrin		1.65U	1.65U	1.65U
Endrin		1.65U	1.65U	1.65U
Endosulfan II		1.65U	1.65U	1.65U
4,4'-DDD		1.65U	1.65U	1.65U
Endrin aldehyde		1.65U	1.65U	1.65U
Endosulfan sulfate		1.65U	1.65U	1.65U
4,4'-DDT		1.65U	1.65U	1.65U
Methoxychlor		3.3U	3.3U	3.3U
Chlordane		33U	33U	33U
Toxaphene		33U	33U	33U
Aroclor-1016		33U	33U	33U
Aroclor-1221		33U	33U	33U
Aroclor-1232		33U	33U	33U
Aroclor-1242		33U	33U	33U
Aroclor-1248		33U	33U	33U
Aroclor-1254		33U	33U	33U
Aroclor-1260		33U	33U	33U

Table E-1B
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Semivolatile Organic Analyses for Background Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	BGLS01-11-6" 6-10-94 BGLS01-11-6" 941458-0019	BGLS01-11-5' 6-10-94 BGLS01-11-5' 941458-0020	BGLS01-11-15' 6-10-94 BGLS01-11-15' 941458-0021
Matrix Semivolatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acenaphthene	330U	330U	330U
Acenaphthylene	330U	330U	330U
Anthracene	330U	330U	330U
Benzidine	670U	670U	670U
Benzo(a)anthracene	330U	330U	330U
Benzo(b)fluoranthene	330U	330U	330U
Benzo(k)fluoranthene	330U	330U	330U
Benzoic acid	670U	670U	670U
Benzo(g,h,i)perylene	330U	330U	330U
Benzo(a)pyrene	330U	330U	330U
Benzyl alcohol	330U	330U	330U
Bis(2-chloroethoxy)methane	330U	330U	330U
Bis(2-chloroethyl)ether	330U	330U	330U
Bis(2-chloroisopropyl)ether	330U	330U	330U
Bis(2-ethylhexyl)phthalate	330U	330U	330U
4-Bromophenyl phenyl ether	330U	330U	330U
Butyl benzyl phthalate	330U	330U	330U
4-Chloroaniline	670U	670U	670U
4-Chloro-3-methylphenol	330U	330U	330U
2-Chloronaphthalene	330U	330U	330U
2-Chlorophenol	330U	330U	330U
4-Chlorophenyl phenyl ether	330U	330U	330U
Chrysene	330U	330U	330U
Di-n-butyl phthalate	330U	330U	330U
1,2-Dichlorobenzene	330U	330U	330U
1,3-Dichlorobenzene	330U	330U	330U
1,4-Dichlorobenzene	330U	330U	330U
3,3'-Dichlorobenzidine	330U	330U	330U
2,4-Dichlorophenol	670U	670U	670U
Dibenzo(a,h)anthracene	330U	330U	330U
Dibenzofuran	330U	330U	330U
Diethyl phthalate	330U	330U	330U
2,4-Dimethylphenol	330U	330U	330U
Dimethyl phthalate	330U	330U	330U
4,6-Dinitro-2-methylphenol	670U	670U	670U
2,4-Dinitrophenol	330U	330U	330U
2,4-Dinitrotoluene	330U	330U	330U

Table E-1B (Concluded)
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Background Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	BGLS01-11-6" 6-10-94 BGLS01-11-6" 941458-0019	BGLS01-11-5' 6-10-94 BGLS01-11-5' 941458-0020	BGLS01-11-15' 6-10-94 BGLS01-11-15' 941458-0021
Matrix Semivolatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
2,6-Dinitrotoluene	330U	330U	330U
Di-n-octyl phthalate	330U	330U	330U
Fluorene	330U	330U	330U
Fluoranthene	330U	330U	330U
Hexachlorobenzene	330U	330U	330U
Hexachlorobutadiene	330U	330U	330U
Hexachlorocyclopentadiene	330U	330U	330U
Hexachloroethane	330U	330U	330U
Indeno(1,2,3-cd)pyrene	330U	330U	330U
Isophorone	330U	330U	330U
2-Methylnaphthalene	330U	330U	330U
2-Methylphenol	330U	330U	330U
4-Methylphenol	330U	330U	330U
2-Nitroaniline	330U	330U	330U
3-Nitroaniline	1,700U	1,700U	1,700U
4-Nitroaniline	1,700U	1,700U	1,700U
2-Nitrophenol	670U	670U	670U
4-Nitrophenol	670U	670U	670U
N-Nitrosodimethylamine	1,700U	1,700U	1,700U
N-Nitrosodi-n-propylamine	330U	330U	330U
N-Nitrosodiphenylamine	330U	330U	330U
Naphthalene	330U	330U	330U
Nitrobenzene	330U	330U	330U
Pentachlorophenol	670U	670U	670U
Phenanthrene	330U	330U	330U
Phenol	330U	330U	330U
Pyrene	330U	330U	330U
1,2,4-Trichlorobenzene	330U	330U	330U
2,4,5-Trichlorophenol	330U	330U	330U
2,4,6-Trichlorophenol	330U	330U	330U

Table E-1C
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Metals and Sulfate Analyses for Background Soil Samples
(Results in milligrams per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		BGLS01-11-6" 6-10-94 BGLS01-11-6" 941458-0019	BGLS01-11-5' 6-10-94 BGLS01-11-5' 941458-0020	BGLS01-11-15' 6-10-94 BGLS01-11-15' 941458-0021
Priority Metals	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
Antimony		0.500U	0.500U	0.500U
Arsenic		1.8	2.0	0.89
Beryllium		0.500U	0.500U	0.500U
Cadmium		0.84	0.89	0.500U
Chromium		9.5	13	13
Copper		11	14	12
Lead		4.6	4.2	4.3
Nickel		12	18	10
Silver		0.500U	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U
Zinc		30	38	39
Mercury		0.010U	0.015	0.019
Selenium		3.0U	3.0U	3.0U

Field Sample No.: Lab Sample No.:	BGLS01-11-6" 941458-0019	BGLS01-11-5' 941458-0020	BGLS01-11-15' 941458-0021
Sulfate (mg/kg)	35	10U	10U

Table E-2
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Volatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-1-6" 6-8-94 SB-1-6" 941433-0001	SB-1-20' 6-8-94 SB-1-20' 941433-0002	SB-2-6" 6-8-94 SB-2-6" 941433-0003
Matrix Volatile Organics Data Package	Soil 941433	Soil 941433	Soil 941433
Acetone	10U	10U	10U
Benzene	5U	5U	5U
Bromodichloromethane	5U	5U	5U
Bromoform	5U	5U	5U
Bromomethane	10U	10U	10U
2-butanone	10U	10U	10U
Carbon disulfide	5U	5U	5U
Carbon tetrachloride	5U	5U	5U
Chlorobenzene	5U	5U	5U
Chlorodibromomethane	5U	5U	5U
Chloroethane	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U
Chloroform	5U	5U	5U
Chloromethane	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U
Ethylbenzene	5U	5U	5U
2-Hexanone	10U	10U	10U
Methylene Chloride	5U	5U	5U
4-Methyl-2-pentanone	10U	10U	10U
Styrene	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U
Tetrachloroethene	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U
Trichloroethene	5U	5U	5U
Toluene	5U	5U	5U
Vinyl acetate	10U	10U	10U
Vinyl chloride	10U	10U	10U
Total Xylenes	5U	5U	5U

Table E-2 (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Volatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-2-20' 6-8-94 SB-2-20' 941433-0004	SB-3-6" 6-8-94 SB-3-6" 941433-0005	SB-3-20' 6-8-94 SB-3-20' 941433-0006
Matrix Volatile Organics Data Package	Soil 941433	Soil 941433	Soil 941433
Acetone	11	10U	10U
Benzene	5U	6	5U
Bromodichloromethane	5U	5U	5U
Bromoform	5U	5U	5U
Bromomethane	10U	10U	10U
2-butanone	10U	10U	10U
Carbon disulfide	5U	5U	5U
Carbon tetrachloride	5U	5U	5U
Chlorobenzene	5U	5U	5U
Chlorodibromomethane	5U	5U	5U
Chloroethane	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U
Chloroform	5U	5U	5U
Chloromethane	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U
Ethylbenzene	5U	5U	5U
2-Hexanone	10U	10U	10U
Methylene Chloride	5U	5U	5U
4-Methyl-2-pentanone	10U	10U	10U
Styrene	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U
Tetrachloroethene	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U
Trichloroethene	5U	5U	5U
Toluene	5U	5U	5U
Vinyl acetate	10U	10U	10U
Vinyl chloride	10U	10U	10U
Total Xylenes	5U	5U	5U

Table E-2 (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Volatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-4-6" 6-8-94 SB-4-6" 941433-0007	SB-4-6"-dup 6-9-94 SB-4-6"-dup 941448-0019	SB-4-4' 6-9-94 SB-4-4' 941448-0013
Matrix Volatile Organics Data Package	Soil 941433	Soil 941448	Soil 941448
Acetone	59	49	31
Benzene	25U	5U	5U
Bromodichloromethane	25U	5U	5U
Bromoform	25U	5U	5U
Bromomethane	50U	10U	10U
2-butanone	50U	10U	10U
Carbon disulfide	25U	5U	5U
Carbon tetrachloride	25U	5U	5U
Chlorobenzene	25U	5U	5U
Chlorodibromomethane	25U	5U	5U
Chloroethane	50U	10U	10U
2-Chloroethylvinyl ether	50U	10U	10U
Chloroform	25U	5U	5U
Chloromethane	50U	10U	10U
1,1-Dichloroethane	25U	5U	5U
1,2-Dichloroethane	25U	5U	5U
1,1-Dichloroethene	25U	5U	5U
Total 1,2-Dichloroethenes	25U	5U	5U
1,2-Dichloropropane	25U	5U	5U
cis-1,3-Dichloropropene	25U	5U	5U
trans-1,3-Dichloropropene	25U	5U	5U
Ethylbenzene	25U	5U	5U
2-Hexanone	50U	10U	10U
Methylene Chloride	29	18	18
4-Methyl-2-pentanone	50U	10U	10U
Styrene	25U	5U	5U
1,1,2,2-Tetrachloroethane	25U	5U	5U
Tetrachloroethene	25U	5U	5U
1,1,1-Trichloroethane	25U	5U	5U
1,1,2-Trichloroethane	25U	5U	5U
Trichloroethene	25U	5U	5U
Toluene	39	5U	5U
Vinyl acetate	50U	10U	10U
Vinyl chloride	50U	10U	10U
Total Xylenes	31	5U	5U

Table E-2 (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Volatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-4-20' 6-8-94 SB-4-20' 941433-0008	SB-5-6" 6-8-94 SB-5-6" 941433-0009	SB-5-6"-dup 6-9-94 SB-5-6"-dup 941448-0010
Matrix Volatile Organics Data Package	Soil 941433	Soil 941433	Soil 941448
Acetone	10U	1,000U	460
Benzene	5U	500U	380
Bromodichloromethane	5U	500U	25U
Bromoform	5U	500U	25U
Bromomethane	10U	1,000U	50U
2-butanone	10U	1,000U	50U
Carbon disulfide	5U	500U	25U
Carbon tetrachloride	5U	500U	25U
Chlorobenzene	5U	500U	25U
Chlorodibromomethane	5U	500U	25U
Chloroethane	10U	1,000U	50U
2-Chloroethylvinyl ether	10U	1,000U	50U
Chloroform	5U	500U	25U
Chloromethane	10U	1,000U	50U
1,1-Dichloroethane	5U	500U	25U
1,2-Dichloroethane	5U	500U	25U
1,1-Dichloroethene	5U	500U	25U
Total 1,2-Dichloroethenes	5U	500U	25U
1,2-Dichloropropane	5U	500U	25U
cis-1,3-Dichloropropene	5U	500U	25U
trans-1,3-Dichloropropene	5U	500U	25U
Ethylbenzene	5U	500U	180
2-Hexanone	10U	1,000U	50U
Methylene Chloride	5U	820	40
4-Methyl-2-pentanone	10U	1,000U	50U
Styrene	5U	500U	25U
1,1,2,2-Tetrachloroethane	5U	500U	25U
Tetrachloroethene	5U	500U	25U
1,1,1-Trichloroethane	5U	500U	25U
1,1,2-Trichloroethane	5U	500U	25U
Trichloroethene	5U	500U	25U
Toluene	5U	500U	630
Vinyl acetate	10U	1,000U	50U
Vinyl chloride	10U	1,000U	50U
Total Xylenes	5U	500U	550

Table E-2 (Continued)
IRP Site No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Volatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-5-2' 6-9-94 SB-5-2' 941448-0011	SB-5-4' 6-9-94 SB-5-4' 941448-0012	SB-5-20' 6-8-94 SB-5-20' 941433-0010
Matrix Volatile Organics Data Package	Soil 941448	Soil 941448	Soil 941433
Acetone	76	27	12
Benzene	5U	5U	5U
Bromodichloromethane	5U	5U	5U
Bromoform	5U	5U	5U
Bromomethane	10U	10U	10U
2-butanone	16	10U	10U
Carbon disulfide	5U	7	5U
Carbon tetrachloride	5U	5U	5U
Chlorobenzene	5U	5U	5U
Chlorodibromomethane	5U	5U	5U
Chloroethane	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U
Chloroform	5U	5U	5U
Chloromethane	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U
Ethylbenzene	5U	5U	5U
2-Hexanone	10U	10U	10U
Methylene Chloride	16	12	5U
4-Methyl-2-pentanone	10U	10U	10U
Styrene	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U
Tetrachloroethene	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U
Trichloroethene	5U	5U	5U
Toluene	12	5U	5U
Vinyl acetate	10U	10U	10U
Vinyl chloride	10U	10U	10U
Total Xylenes	20	5U	5U

Table E-2 (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANGS, Van Nuys, California
 Summary of Volatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-6-6" 6-8-94 SB-6-6" 941433-0011	SB-6-20' 6-8-94 SB-6-20' 941433-0012	SB-7-6" 6-9-94 SB-7-6" 941448-0001
Matrix Volatile Organics Data Package	Soil 941433	Soil 941433	Soil 941448
Acetone	142	10U	10U
Benzene	32	5U	5U
Bromodichloromethane	5U	5U	5U
Bromoform	5U	5U	5U
Bromomethane	10U	10U	10U
2-butanone	30	10U	10U
Carbon disulfide	5U	5U	5U
Carbon tetrachloride	5U	5U	5U
Chlorobenzene	5U	5U	5U
Chlorodibromomethane	5U	5U	5U
Chloroethane	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U
Chloroform	5U	5U	5U
Chloromethane	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U
Ethylbenzene	12	5U	5U
2-Hexanone	10U	10U	10U
Methylene Chloride	6	5	21
4-Methyl-2-pentanone	10U	10U	10U
Styrene	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U
Tetrachloroethene	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U
Trichloroethene	5U	5U	5U
Toluene	12	5U	5U
Vinyl acetate	10U	10U	10U
Vinyl chloride	10U	10U	10U
Total Xylenes	23	5U	5U

Table E-2 (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANGS, Van Nuys, California
 Summary of Volatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-7-20' 6-9-94 SB-7-20' 941448-0002	SB-8-6" 6-9-94 SB-8-6" 941448-0003	SB-8-20' 6-9-94 SB-8-20' 941448-0004	SB-9-6" 6-9-94 SB-9-6" 941448-0005
Matrix Volatile Organics Data Package	Soil 941448	Soil 941448	Soil 941448	Soil 941448
Acetone	10U	10U	10U	10U
Benzene	5U	5U	5U	5U
Bromodichloromethane	5U	5U	5U	5U
Bromoform	5U	5U	5U	5U
Bromomethane	10U	10U	10U	10U
2-butanone	10U	10U	10U	10U
Carbon disulfide	5U	5U	5U	5U
Carbon tetrachloride	5U	5U	5U	5U
Chlorobenzene	5U	5U	5U	5U
Chlorodibromomethane	5U	5U	5U	5U
Chloroethane	10U	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U	10U
Chloroform	5U	5U	5U	5U
Chloromethane	10U	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U	5U
Ethylbenzene	5U	5U	5U	5U
2-Hexanone	10U	10U	10U	10U
Methylene Chloride	6	5	11	5U
4-Methyl-2-pentanone	10U	10U	10U	10U
Styrene	5U	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U	5U
Tetrachloroethene	5U	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U	5U
Trichloroethene	5U	5U	5U	5U
Toluene	5U	5U	5U	5U
Vinyl acetate	10U	10U	10U	10U
Vinyl chloride	10U	10U	10U	10U
Total Xylenes	5U	5U	5U	5U

Table E-2 (Concluded)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Volatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-9-5' 6-9-94 SB-9-5' 941448-0007	SB-9-20' 6-9-94 SB-9-20' 941448-0006	SB-10-6" 6-9-94 SB-10-6" 941448-008	SB-10-20' 6-9-94 SB-10-20' 941448-009
Matrix Volatile Organics Data Package	Soil 941448	Soil 941448	Soil 941448	Soil 941448
Acetone	10U	10U	10U	10U
Benzene	5U	5U	5U	5U
Bromodichloromethane	5U	5U	5U	5U
Bromoform	5U	5U	5U	5U
Bromomethane	10U	10U	10U	10U
2-butanone	10U	10U	10U	10U
Carbon disulfide	5U	5U	5U	5U
Carbon tetrachloride	5U	5U	5U	5U
Chlorobenzene	5U	5U	5U	5U
Chlorodibromomethane	5U	5U	5U	5U
Chloroethane	10U	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U	10U
Chloroform	5U	5U	5U	5U
Chloromethane	10U	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U	5U
Ethylbenzene	5U	5U	5U	5U
2-Hexanone	10U	10U	10U	10U
Methylene Chloride	18	5U	33	14
4-Methyl-2-pentanone	10U	10U	10U	10U
Styrene	5U	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U	5U
Tetrachloroethene	5U	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U	5U
Trichloroethene	5U	5U	5U	5U
Toluene	5U	5U	5U	5U
Vinyl acetate	10U	10U	10U	10U
Vinyl chloride	10U	10U	10U	10U
Total Xylenes	5U	5U	5U	5U

Table E-2A
IRP Site No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-1-6" 6-8-94 SB-1-6" 941433-0001	SB-1-20' 6-8-94 SB-1-20' 941433-0002	SB-2-6" 6-8-94 SB-2-6" 941433-0003
Matrix Semivolatile Organics Data Package	Soil 941433	Soil 941433	Soil 941433
Acenaphthene	330U	330U	330U
Acenaphthylene	330U	330U	330U
Anthracene	330U	330U	330U
Benzidine	670U	670U	670U
Benzo(a)anthracene	330U	330U	330U
Benzo(b)fluoranthene	330U	330U	330U
Benzo(k)fluoranthene	330U	330U	330U
Benzoic acid	670U	670U	670U
Benzo(g,h,i)perylene	330U	330U	330U
Benzo(a)pyrene	330U	330U	330U
Benzyl alcohol	330U	330U	330U
Bis(2-chloroethoxy)methane	330U	330U	330U
Bis(2-chloroethyl)ether	330U	330U	330U
Bis(2-chloroisopropyl)ether	330U	330U	330U
Bis(2-ethylhexyl)phthalate	330U	330U	330U
4-Bromophenyl phenyl ether	330U	330U	330U
Butyl benzyl phthalate	330U	330U	330U
4-Chloroaniline	670U	670U	670U
4-Chloro-3-methylphenol	330U	330U	330U
2-Chloronaphthalene	330U	330U	330U
2-Chlorophenol	330U	330U	330U
4-Chlorophenyl phenyl ether	330U	330U	330U
Chrysene	330U	330U	330U
Di-n-butyl phthalate	330U	330U	330U
1,2-Dichlorobenzene	330U	330U	330U
1,3-Dichlorobenzene	330U	330U	330U
1,4-Dichlorobenzene	330U	330U	330U
3,3'-Dichlorobenzidine	330U	330U	330U
2,4-Dichlorophenol	670U	670U	670U
Dibenzo(a,h)anthracene	330U	330U	330U
Dibenzofuran	330U	330U	330U
Diethyl phthalate	330U	330U	330U
2,4-Dimethylphenol	330U	330U	330U
Dimethyl phthalate	330U	330U	330U
4,6-Dinitro-2-methylphenol	670U	670U	670U
2,4-Dinitrophenol	330U	330U	330U
2,4-Dinitrotoluene	330U	330U	330U

Table E-2A (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Semivolatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-1-6" 6-8-94 SB-1-6" 941433-0001	SB-1-20' 6-8-94 SB-1-20' 941433-0002	SB-2-6" 6-8-94 SB-2-6" 941433-0003
Matrix Semivolatile Organics Data Package	Soil 941433	Soil 941433	Soil 941433
2,6-Dinitrotoluene	330U	330U	330U
Di-n-octyl phthalate	330U	330U	330U
Fluorene	330U	330U	330U
Fluoranthene	330U	330U	330U
Hexachlorobenzene	330U	330U	330U
Hexachlorobutadiene	330U	330U	330U
Hexachlorocyclopentadiene	330U	330U	330U
Hexachloroethane	330U	330U	330U
Indeno(1,2,3-cd)pyrene	330U	330U	330U
Isophorone	330U	330U	330U
2-Methylnaphthalene	330U	330U	330U
2-Methylphenol	330U	330U	330U
4-Methylphenol	330U	330U	330U
2-Nitroaniline	330U	330U	330U
3-Nitroaniline	1,700U	1,700U	1,700U
4-Nitroaniline	1,700U	1,700U	1,700U
2-Nitrophenol	670U	670U	670U
4-Nitrophenol	670U	670U	670U
N-Nitrosodimethylamine	1,700U	1,700U	1,700U
N-Nitrosodi-n-propylamine	330U	330U	330U
N-Nitrosodiphenylamine	330U	330U	330U
Naphthalene	330U	330U	330U
Nitrobenzene	330U	330U	330U
Pentachlorophenol	670U	670U	670U
Phenanthrene	330U	330U	330U
Phenol	330U	330U	330U
Pyrene	330U	330U	330U
1,2,4-Trichlorobenzene	330U	330U	330U
2,4,5-Trichlorophenol	330U	330U	330U
2,4,6-Trichlorophenol	330U	330U	330U

Table E-2A (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Semivolatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-2-20' 6-8-94 SB-2-20' 941433-0004	SB-3-6" 6-8-94 SB-3-6" 941433-0005	SB-3-20' 6-8-94 SB-3-20' 941433-0006
Matrix Semivolatile Organics Data Package	Soil 941433	Soil 941433	Soil 941433
Acenaphthene	330U	1,980U	330U
Acenaphthylene	330U	1,980U	330U
Anthracene	330U	1,980U	330U
Benzidine	670U	4,020U	670U
Benzo(a)anthracene	330U	1,980U	330U
Benzo(b)fluoranthene	330U	1,980U	330U
Benzo(k)fluoranthene	330U	1,980U	330U
Benzoic acid	670U	4,020U	670U
Benzo(g,h,i)perylene	330U	1,980U	330U
Benzo(a)pyrene	330U	1,980U	330U
Benzyl alcohol	330U	1,980U	330U
Bis(2-chloroethoxy)methane	330U	1,980U	330U
Bis(2-chloroethyl)ether	330U	1,980U	330U
Bis(2-chloroisopropyl)ether	330U	1,980U	330U
Bis(2-ethylhexyl)phthalate	330U	1,980U	330U
4-Bromophenyl phenyl ether	330U	1,980U	330U
Butyl benzyl phthalate	330U	1,980U	330U
4-Chloroaniline	670U	4,020U	670U
4-Chloro-3-methylphenol	330U	1,980U	330U
2-Chloronaphthalene	330U	1,980U	330U
2-Chlorophenol	330U	1,980U	330U
4-Chlorophenyl phenyl ether	330U	1,980U	330U
Chrysene	330U	1,980U	330U
Di-n-butyl phthalate	330U	1,980U	330U
1,2-Dichlorobenzene	330U	1,980U	330U
1,3-Dichlorobenzene	330U	1,980U	330U
1,4-Dichlorobenzene	330U	1,980U	330U
3,3'-Dichlorobenzidine	330U	1,980U	330U
2,4-Dichlorophenol	670U	4,020U	670U
Dibenzo(a,h)anthracene	330U	1,980U	330U
Dibenzofuran	330U	1,980U	330U
Diethyl phthalate	330U	1,980U	330U
2,4-Dimethylphenol	330U	1,980U	330U
Dimethyl phthalate	330U	1,980U	330U
4,6-Dinitro-2-methylphenol	670U	4,020U	670U
2,4-Dinitrophenol	330U	1,980U	330U
2,4-Dinitrotoluene	330U	1,980U	330U

Table E-2A (Continued)
IRP Site No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-2-20' 6-8-94 SB-2-20' 941433-0004	SB-3-6" 6-8-94 SB-3-6" 941433-0005	SB-3-20' 6-8-94 SB-3-20' 941433-0006
Matrix Semivolatile Organics Data Package	Soil 941433	Soil 941433	Soil 941433
2,6-Dinitrotoluene	330U	1,980U	330U
Di-n-octyl phthalate	330U	1,980U	330U
Fluorene	330U	1,980U	330U
Fluoranthene	330U	1,980U	330U
Hexachlorobenzene	330U	1,980U	330U
Hexachlorobutadiene	330U	1,980U	330U
Hexachlorocyclopentadiene	330U	1,980U	330U
Hexachloroethane	330U	1,980U	330U
Indeno(1,2,3-cd)pyrene	330U	1,980U	330U
Isophorone	330U	1,980U	330U
2-Methylnaphthalene	330U	1,980U	330U
2-Methylphenol	330U	1,980U	330U
4-Methylphenol	330U	1,980U	330U
2-Nitroaniline	330U	1,980U	330U
3-Nitroaniline	1,700U	10,200U	1,700U
4-Nitroaniline	1,700U	10,200U	1,700U
2-Nitrophenol	670U	4,020U	670U
4-Nitrophenol	670U	4,020U	670U
N-Nitrosodimethylamine	1,700U	10,200U	1,700U
N-Nitrosodi-n-propylamine	330U	1,980U	330U
N-Nitrosodiphenylamine	330U	1,980U	330U
Naphthalene	330U	1,980U	330U
Nitrobenzene	330U	1,980U	330U
Pentachlorophenol	670U	4,020U	670U
Phenanthrene	330U	1,980U	330U
Phenol	330U	1,980U	330U
Pyrene	330U	1,980U	330U
1,2,4-Trichlorobenzene	330U	1,980U	330U
2,4,5-Trichlorophenol	330U	1,980U	330U
2,4,6-Trichlorophenol	330U	1,980U	330U

Table E-2A (Continued)
IRP Site No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-4-6" 6-8-94 SB-4-6" 941433-0007	SB-4-6"-dup 6-9-94 SB-4-6"-dup 941448-0019	SB-4-4' 6-9-94 SB-4-4' 941448-0013
Matrix Semivolatile Organics Data Package	Soil 941433	Soil 941448	Soil 941448
Acenaphthene	1,980U	330U	330U
Acenaphthylene	1,980U	330U	330U
Anthracene	1,980U	330U	330U
Benidine	4,020U	670U	670U
Benzo(a)anthracene	1,980U	330U	330U
Benzo(b)fluoranthene	1,980U	330U	330U
Benzo(k)fluoranthene	1,980U	330U	330U
Benzoic acid	4,020U	670U	670U
Benzo(g,h,i)perylene	1,980U	330U	330U
Benzo(a)pyrene	1,980U	330U	330U
Benzyl alcohol	1,980U	330U	330U
Bis(2-chloroethoxy)methane	1,980U	330U	330U
Bis(2-chloroethyl)ether	1,980U	330U	330U
Bis(2-chloroisopropyl)ether	1,980U	330U	330U
Bis(2-ethylhexyl)phthalate	1,980U	330U	330U
4-Bromophenyl phenyl ether	1,980U	330U	330U
Butyl benzyl phthalate	1,980U	330U	330U
4-Chloroaniline	4,020U	670U	670U
4-Chloro-3-methylphenol	1,980U	330U	330U
2-Chloronaphthalene	1,980U	330U	330U
2-Chlorophenol	1,980U	330U	330U
4-Chlorophenyl phenyl ether	1,980U	330U	330U
Chrysene	1,980U	330U	330U
Di-n-butyl phthalate	1,980U	330U	330U
1,2-Dichlorobenzene	1,980U	330U	330U
1,3-Dichlorobenzene	1,980U	330U	330U
1,4-Dichlorobenzene	1,980U	330U	330U
3,3'-Dichlorobenzidine	1,980U	330U	330U
2,4-Dichlorophenol	4,020U	670U	670U
Dibenzo(a,h)anthracene	1,980U	330U	330U
Dibenzofuran	1,980U	330U	330U
Diethyl phthalate	1,980U	330U	330U
2,4-Dimethylphenol	1,980U	330U	330U
Dimethyl phthalate	1,980U	330U	330U
4,6-Dinitro-2-methylphenol	4,020U	670U	670U
2,4-Dinitrophenol	1,980U	330U	330U
2,4-Dinitrotoluene	1,980U	330U	330U

Table E-2A (Continued)
IRP Site No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-4-6" 6-8-94 SB-4-6" 941433-0007	SB-4-6"-dup 6-9-94 SB-4-6"-dup 941448-0019	SB-4-4' 6-9-94 SB-4-4' 941448-0013
Matrix Semivolatile Organics Data Package	Soil 941433	Soil 941448	Soil 941448
2,6-Dinitrotoluene	1,980U	330U	330U
Di-n-octyl phthalate	1,980U	330U	330U
Fluorene	1,980U	330U	330U
Fluoranthene	1,980U	330U	330U
Hexachlorobenzene	1,980U	330U	330U
Hexachlorobutadiene	1,980U	330U	330U
Hexachlorocyclopentadiene	1,980U	330U	330U
Hexachloroethane	1,980U	330U	330U
Indeno(1,2,3-cd)pyrene	1,980U	330U	330U
Isophorone	1,980U	330U	330U
2-Methylnaphthalene	1,980U	330U	330U
2-Methylphenol	1,980U	330U	330U
4-Methylphenol	1,980U	330U	330U
2-Nitroaniline	1,980U	330U	330U
3-Nitroaniline	10,200U	1,700U	1,700U
4-Nitroaniline	10,200U	1,700U	1,700U
2-Nitrophenol	4,020U	670U	670U
4-Nitrophenol	4,020U	670U	670U
N-Nitrosodimethylamine	10,200U	1,700U	1,700U
N-Nitrosodi-n-propylamine	1,980U	330U	330U
N-Nitrosodiphenylamine	1,980U	330U	330U
Naphthalene	1,980U	330U	330U
Nitrobenzene	1,980U	330U	330U
Pentachlorophenol	4,020U	670U	670U
Phenanthrene	1,980U	330U	330U
Phenol	1,980U	330U	330U
Pyrene	1,980U	330U	330U
1,2,4-Trichlorobenzene	1,980U	330U	330U
2,4,5-Trichlorophenol	1,980U	330U	330U
2,4,6-Trichlorophenol	1,980U	330U	330U

Table E-2A (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Semivolatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-4-20' 6-8-94 SB-4-20' 941433-0008	SB-5-6" 6-8-94 SB-5-6" 941433-0009	SB-5-6"-dup 6-9-94 SB-5-6"-dup 941448-0010
Matrix Semivolatile Organics Data Package	Soil 941433	Soil 941433	Soil 941448
Acenaphthene	330U	1,980U	1,980U
Acenaphthylene	330U	1,980U	1,980U
Anthracene	330U	1,980U	1,980U
Benzidine	670U	4,020U	4,020U
Benzo(a)anthracene	330U	1,980U	1,980U
Benzo(b)fluoranthene	330U	1,980U	1,980U
Benzo(k)fluoranthene	330U	1,980U	1,980U
Benzoic acid	670U	4,020U	4,020U
Benzo(g,h,i)perylene	330U	1,980U	1,980U
Benzo(a)pyrene	330U	1,980U	1,980U
Benzyl alcohol	330U	1,980U	1,980U
Bis(2-chloroethoxy)methane	330U	1,980U	1,980U
Bis(2-chloroethyl)ether	330U	1,980U	1,980U
Bis(2-chloroisopropyl)ether	330U	1,980U	1,980U
Bis(2-ethylhexyl)phthalate	330U	1,980U	1,980U
4-Bromophenyl phenyl ether	330U	1,980U	1,980U
Butyl benzyl phthalate	330U	1,980U	1,980U
4-Chloroaniline	670U	4,020U	4,020U
4-Chloro-3-methylphenol	330U	1,980U	1,980U
2-Chloronaphthalene	330U	1,980U	1,980U
2-Chlorophenol	330U	1,980U	1,980U
4-Chlorophenyl phenyl ether	330U	1,980U	1,980U
Chrysene	330U	1,980U	1,980U
Di-n-butyl phthalate	330U	1,980U	1,980U
1,2-Dichlorobenzene	330U	1,980U	1,980U
1,3-Dichlorobenzene	330U	1,980U	1,980U
1,4-Dichlorobenzene	330U	1,980U	1,980U
3,3'-Dichlorobenzidine	330U	1,980U	1,980U
2,4-Dichlorophenol	670U	4,020U	4,020U
Dibenzo(a,h)anthracene	330U	1,980U	1,980U
Dibenzofuran	330U	1,980U	1,980U
Diethyl phthalate	330U	1,980U	1,980U
2,4-Dimethylphenol	330U	1,980U	1,980U
Dimethyl phthalate	330U	1,980U	1,980U
4,6-Dinitro-2-methylphenol	670U	4,020U	4,020U
2,4-Dinitrophenol	330U	1,980U	1,980U
2,4-Dinitrotoluene	330U	1,980U	1,980U

Table E-2A (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Semivolatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-4-20' 6-8-94 SB-4-20' 941433-0008	SB-5-6" 6-8-94 SB-5-6" 941433-0009	SB-5-6"-dup 6-9-94 SB-5-6"-dup 941448-0010
Matrix Semivolatile Organics Data Package	Soil 941433	Soil 941433	Soil 941448
2,6-Dinitrotoluene	330U	1,980U	1,980U
Di-n-octyl phthalate	330U	1,980U	1,980U
Fluorene	330U	1,980U	1,980U
Fluoranthene	330U	1,980U	1,980U
Hexachlorobenzene	330U	1,980U	1,980U
Hexachlorobutadiene	330U	1,980U	1,980U
Hexachlorocyclopentadiene	330U	1,980U	1,980U
Hexachloroethane	330U	1,980U	1,980U
Indeno(1,2,3-cd)pyrene	330U	1,980U	1,980U
Isophorone	330U	1,980U	1,980U
2-Methylnaphthalene	330U	1,980U	1,980U
2-Methylphenol	330U	1,980U	1,980U
4-Methylphenol	330U	2,400	1,980U
2-Nitroaniline	330U	1,980U	1,980U
3-Nitroaniline	1,700U	10,200U	10,200U
4-Nitroaniline	1,700U	10,200U	10,200U
2-Nitrophenol	670U	4,020U	4,020U
4-Nitrophenol	670U	4,020U	4,020U
N-Nitrosodimethylamine	1,700U	10,200U	10,200U
N-Nitrosodi-n-propylamine	330U	1,980U	1,980U
N-Nitrosodiphenylamine	330U	1,980U	1,980U
Naphthalene	330U	1,980U	1,980U
Nitrobenzene	330U	1,980U	1,980U
Pentachlorophenol	670U	4,020U	4,020U
Phenanthrene	330U	1,980U	1,980U
Phenol	330U	1,980U	1,980U
Pyrene	330U	1,980U	1,980U
1,2,4-Trichlorobenzene	330U	1,980U	1,980U
2,4,5-Trichlorophenol	330U	1,980U	1,980U
2,4,6-Trichlorophenol	330U	1,980U	1,980U

Table E-2A (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Semivolatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-5-2' 6-9-94 SB-5-2' 941448-0011	SB-5-4' 6-9-94 SB-5-4' 941448-0012	SB-5-20' 6-8-94 SB-5-20' 941433-0010
Matrix Semivolatile Organics Data Package	Soil 941448	Soil 941448	Soil 941433
Acenaphthene	330U	330U	330U
Acenaphthylene	330U	330U	330U
Anthracene	330U	330U	330U
Benidine	670U	670U	670U
Benzo(a)anthracene	330U	330U	330U
Benzo(b)fluoranthene	330U	330U	330U
Benzo(k)fluoranthene	330U	330U	330U
Benzoic acid	670U	670U	670U
Benzo(g,h,i)perylene	330U	330U	330U
Benzo(a)pyrene	330U	330U	330U
Benzyl alcohol	330U	330U	330U
Bis(2-chloroethoxy)methane	330U	330U	330U
Bis(2-chloroethyl)ether	330U	330U	330U
Bis(2-chloroisopropyl)ether	330U	330U	330U
Bis(2-ethylhexyl)phthalate	330U	330U	330U
4-Bromophenyl phenyl ether	330U	330U	330U
Butyl benzyl phthalate	330U	330U	330U
4-Chloroaniline	670U	670U	670U
4-Chloro-3-methylphenol	330U	330U	330U
2-Chloronaphthalene	330U	330U	330U
2-Chlorophenol	330U	330U	330U
4-Chlorophenyl phenyl ether	330U	330U	330U
Chrysene	330U	330U	330U
Di-n-butyl phthalate	330U	330U	330U
1,2-Dichlorobenzene	330U	330U	330U
1,3-Dichlorobenzene	330U	330U	330U
1,4-Dichlorobenzene	330U	330U	330U
3,3'-Dichlorobenzidine	330U	330U	330U
2,4-Dichlorophenol	670U	670U	670U
Dibenzo(a,h)anthracene	330U	330U	330U
Dibenzofuran	330U	330U	330U
Diethyl phthalate	330U	330U	330U
2,4-Dimethylphenol	330U	330U	330U
Dimethyl phthalate	330U	330U	330U
4,6-Dinitro-2-methylphenol	670U	670U	670U
2,4-Dinitrophenol	330U	330U	330U
2,4-Dinitrotoluene	330U	330U	330U

Table E-2A (Continued)
IRP Site No. 1
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		SB-5-2' 6-9-94 SB-5-2' 941448-0011	SB-5-4' 6-9-94 SB-5-4' 941448-0012	SB-5-20' 6-8-94 SB-5-20' 941433-0010
Matrix Semivolatile Organics Data Package		Soil 941448	Soil 941448	Soil 941433
2,6-Dinitrotoluene		330U	330U	330U
Di-n-octyl phthalate		330U	330U	330U
Fluorene		330U	330U	330U
Fluoranthene		330U	330U	330U
Hexachlorobenzene		330U	330U	330U
Hexachlorobutadiene		330U	330U	330U
Hexachlorocyclopentadiene		330U	330U	330U
Hexachloroethane		330U	330U	330U
Indeno(1,2,3-cd)pyrene		330U	330U	330U
Isophorone		330U	330U	330U
2-Methylnaphthalene		330U	330U	330U
2-Methylphenol		330U	330U	330U
4-Methylphenol		330U	330U	330U
2-Nitroaniline		330U	330U	330U
3-Nitroaniline		330U	330U	330U
4-Nitroaniline		1,700U	1,700U	1,700U
2-Nitrophenol		1,700U	1,700U	1,700U
4-Nitrophenol		670U	670U	670U
N-Nitrosodimethylamine		670U	670U	670U
N-Nitrosodi-n-propylamine		1,700U	1,700U	1,700U
N-Nitrosodiphenylamine		330U	330U	330U
Naphthalene		330U	330U	330U
Nitrobenzene		330U	330U	330U
Pentachlorophenol		330U	330U	330U
Phenanthrene		670U	670U	670U
Phenol		330U	330U	330U
Pyrene		330U	330U	330U
1,2,4-Trichlorobenzene		330U	330U	330U
2,4,5-Trichlorophenol		330U	330U	330U
2,4,6-Trichlorophenol		330U	330U	330U

Table E-2A (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Semivolatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-6-6" 6-8-94 SB-6-6" 941433-0011	SB-6-20' 6-8-94 SB-6-20' 941433-0012	SB-7-6" 6-9-94 SB-7-6" 941448-0001
Matrix Semivolatile Organics Data Package	Soil 941433	Soil 941433	Soil 941448
Acenaphthene	660U	330U	330U
Acenaphthylene	660U	330U	330U
Anthracene	660U	330U	330U
Benzidine	1,340U	670U	670U
Benzo(a)anthracene	660U	330U	330U
Benzo(b)fluoranthene	660U	330U	330U
Benzo(k)fluoranthene	660U	330U	330U
Benzoic acid	1,340U	670U	670U
Benzo(g,h,i)perylene	660U	330U	330U
Benzo(a)pyrene	660U	330U	330U
Benzyl alcohol	660U	330U	330U
Bis(2-chloroethoxy)methane	660U	330U	330U
Bis(2-chloroethyl)ether	660U	330U	330U
Bis(2-chloroisopropyl)ether	660U	330U	330U
Bis(2-ethylhexyl)phthalate	660U	330U	330U
4-Bromophenyl phenyl ether	660U	330U	330U
Butyl benzyl phthalate	660U	330U	330U
4-Chloroaniline	1,340U	670U	670U
4-Chloro-3-methylphenol	660U	330U	330U
2-Chloronaphthalene	660U	330U	330U
2-Chlorophenol	660U	330U	330U
4-Chlorophenyl phenyl ether	660U	330U	330U
Chrysene	660U	330U	330U
Di-n-butyl phthalate	660U	330U	330U
1,2-Dichlorobenzene	660U	330U	330U
1,3-Dichlorobenzene	660U	330U	330U
1,4-Dichlorobenzene	660U	330U	330U
3,3'-Dichlorobenzidine	660U	330U	330U
2,4-Dichlorophenol	1,340U	670U	670U
Dibenzo(a,h)anthracene	660U	330U	330U
Dibenzofuran	660U	330U	330U
Diethyl phthalate	660U	330U	330U
2,4-Dimethylphenol	660U	330U	330U
Dimethyl phthalate	660U	330U	330U
4,6-Dinitro-2-methylphenol	1,340U	670U	670U
2,4-Dinitrophenol	660U	330U	330U
2,4-Dinitrotoluene	660U	330U	330U

Table E-2A (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Semivolatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-6-6" 6-8-94 SB-6-6" 941433-0011	SB-6-20' 6-8-94 SB-6-20' 941433-0012	SB-7-6" 6-9-94 SB-7-6" 941448-0001
Matrix Semivolatile Organics Data Package	Soil 941433	Soil 941433	Soil 941448
2,6-Dinitrotoluene	660U	330U	330U
Di-n-octyl phthalate	660U	330U	330U
Fluorene	660U	330U	330U
Fluoranthene	660U	330U	330U
Hexachlorobenzene	660U	330U	330U
Hexachlorobutadiene	660U	330U	330U
Hexachlorocyclopentadiene	660U	330U	330U
Hexachloroethane	660U	330U	330U
Indeno(1,2,3-cd)pyrene	660U	330U	330U
Isophorone	660U	330U	330U
2-Methylnaphthalene	660U	330U	330U
2-Methylphenol	660U	330U	330U
4-Methylphenol	660U	330U	330U
2-Nitroaniline	660U	330U	330U
3-Nitroaniline	3,400U	1,700U	1,700U
4-Nitroaniline	3,400U	1,700U	1,700U
2-Nitrophenol	1,340U	670U	670U
4-Nitrophenol	1,340U	670U	670U
N-Nitrosodimethylamine	3,400U	1,700U	1,700U
N-Nitrosodi-n-propylamine	660U	330U	330U
N-Nitrosodiphenylamine	660U	330U	330U
Naphthalene	660U	330U	330U
Nitrobenzene	660U	330U	330U
Pentachlorophenol	1,340U	670U	670U
Phenanthrene	660U	330U	330U
Phenol	660U	330U	330U
Pyrene	660U	330U	330U
1,2,4-Trichlorobenzene	660U	330U	330U
2,4,5-Trichlorophenol	660U	330U	330U
2,4,6-Trichlorophenol	660U	330U	330U

Table E-2A (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Semivolatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-7-20' 6-9-94 SB-7-20' 941448-0002	SB-8-6" 6-9-94 SB-8-6" 941448-0003	SB-8-20' 6-9-94 SB-8-20' 941448-0004	SB-9-6" 6-9-94 SB-9-6" 941448-0005
Matrix Semivolatile Organics Data Package	Soil 941448	Soil 941448	Soil 941448	Soil 941448
Acenaphthene	330U	330U	330U	330U
Acenaphthylene	330U	330U	330U	330U
Anthracene	330U	330U	330U	330U
Benzidine	670U	670U	670U	670U
Benzo(a)anthracene	330U	330U	330U	330U
Benzo(b)fluoranthene	330U	330U	330U	330U
Benzo(k)fluoranthene	330U	330U	330U	330U
Benzoic acid	670U	670U	670U	670U
Benzo(g,h,i)perylene	330U	330U	330U	330U
Benzo(a)pyrene	330U	330U	330U	330U
Benzyl alcohol	330U	330U	330U	330U
Bis(2-chloroethoxy)methane	330U	330U	330U	330U
Bis(2-chloroethyl)ether	330U	330U	330U	330U
Bis(2-chloroisopropyl)ether	330U	330U	330U	330U
Bis(2-ethylhexyl)phthalate	330U	330U	330U	330U
4-Bromophenyl phenyl ether	330U	330U	330U	330U
Butyl benzyl phthalate	330U	330U	330U	330U
4-Chloroaniline	670U	670U	670U	670U
4-Chloro-3-methylphenol	330U	330U	330U	330U
2-Chloronaphthalene	330U	330U	330U	330U
2-Chlorophenol	330U	330U	330U	330U
4-Chlorophenyl phenyl ether	330U	330U	330U	330U
Chrysene	330U	330U	330U	330U
Di-n-butyl phthalate	330U	330U	330U	330U
1,2-Dichlorobenzene	330U	330U	330U	330U
1,3-Dichlorobenzene	330U	330U	330U	330U
1,4-Dichlorobenzene	330U	330U	330U	330U
3,3'-Dichlorobenzidine	330U	330U	330U	330U
2,4-Dichlorophenol	670U	670U	670U	670U
Dibenzo(a,h)anthracene	330U	330U	330U	330U
Dibenzofuran	330U	330U	330U	330U
Diethyl phthalate	330U	330U	330U	330U
2,4-Dimethylphenol	330U	330U	330U	330U
Dimethyl phthalate	330U	330U	330U	330U
4,6-Dinitro-2-methylphenol	670U	670U	670U	670U
2,4-Dinitrophenol	330U	330U	330U	330U
2,4-Dinitrotoluene	330U	330U	330U	330U

Table E-2A (Continued)
IRP Site No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-7-20' 6-9-94 SB-7-20' 941448-0002	SB-8-6" 6-9-94 SB-8-6" 941448-0003	SB-8-20' 6-9-94 SB-8-20' 941448-0004	SB-9-6" 6-9-94 SB-9-6" 941448-0005
Semivolatile Organics Matrix Data Package	Soil 941448	Soil 941448	Soil 941448	Soil 941448
2,6-Dinitrotoluene	330U	330U	330U	330U
Di-n-octyl phthalate	330U	330U	330U	330U
Fluorene	330U	330U	330U	330U
Fluoranthene	330U	330U	330U	330U
Hexachlorobenzene	330U	330U	330U	330U
Hexachlorobutadiene	330U	330U	330U	330U
Hexachlorocyclopentadiene	330U	330U	330U	330U
Hexachloroethane	330U	330U	330U	330U
Indeno(1,2,3-cd)pyrene	330U	330U	330U	330U
Isophorone	330U	330U	330U	330U
2-Methylnaphthalene	330U	330U	330U	330U
2-Methylphenol	330U	330U	330U	330U
4-Methylphenol	330U	330U	330U	330U
2-Nitroaniline	330U	330U	330U	330U
3-Nitroaniline	1,700U	1,700U	1,700U	1,700U
4-Nitroaniline	1,700U	1,700U	1,700U	1,700U
2-Nitrophenol	670U	670U	670U	670U
4-Nitrophenol	670U	670U	670U	670U
N-Nitrosodimethylamine	1,700U	1,700U	1,700U	1,700U
N-Nitrosodi-n-propylamine	330U	330U	330U	330U
N-Nitrosodiphenylamine	330U	330U	330U	330U
Naphthalene	330U	330U	330U	330U
Nitrobenzene	330U	330U	330U	330U
Pentachlorophenol	670U	670U	670U	670U
Phenanthrene	330U	330U	330U	330U
Phenol	330U	330U	330U	330U
Pyrene	330U	330U	330U	330U
1,2,4-Trichlorobenzene	330U	330U	330U	330U
2,4,5-Trichlorophenol	330U	330U	330U	330U
2,4,6-Trichlorophenol	330U	330U	330U	330U

Table E-2A (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of Semivolatile Organic Analyses for Soil Samples
 (Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-9-5' 6-9-94 SB-9-5' 941448-0007	SB-9-20' 6-9-94 SB-9-20' 941448-0006	SB-10-6" 6-9-94 SB-10-6" 941448-0008	SB-10-20' 6-9-94 SB-10-20' 941448-0009
Matrix Semivolatile Organics Data Package	Soil 941448	Soil 941448	Soil 941448	Soil 941448
Acenaphthene	330U	330U	330U	330U
Acenaphthylene	330U	330U	330U	330U
Anthracene	330U	330U	330U	330U
Benzidine	670U	670U	670U	670U
Benzo(a)anthracene	330U	330U	330U	330U
Benzo(b)fluoranthene	330U	330U	330U	330U
Benzo(k)fluoranthene	330U	330U	330U	330U
Benzoic acid	670U	670U	670U	670U
Benzo(g,h,i)perylene	330U	330U	330U	330U
Benzo(a)pyrene	330U	330U	330U	330U
Benzyl alcohol	330U	330U	330U	330U
Bis(2-chloroethoxy)methane	330U	330U	330U	330U
Bis(2-chloroethyl)ether	330U	330U	330U	330U
Bis(2-chloroisopropyl)ether	330U	330U	330U	330U
Bis(2-ethylhexyl)phthalate	330U	330U	330U	330U
4-Bromophenyl phenyl ether	330U	330U	330U	330U
Butyl benzyl phthalate	330U	330U	330U	330U
4-Chloroaniline	670U	670U	670U	670U
4-Chloro-3-methylphenol	330U	330U	330U	330U
2-Chloronaphthalene	330U	330U	330U	330U
2-Chlorophenol	330U	330U	330U	330U
4-Chlorophenyl phenyl ether	330U	330U	330U	330U
Chrysene	330U	330U	330U	330U
Di-n-butyl phthalate	330U	330U	330U	330U
1,2-Dichlorobenzene	330U	330U	330U	330U
1,3-Dichlorobenzene	330U	330U	330U	330U
1,4-Dichlorobenzene	330U	330U	330U	330U
3,3'-Dichlorobenzidine	330U	330U	330U	330U
2,4-Dichlorophenol	670U	670U	670U	670U
Dibenzo(a,h)anthracene	330U	330U	330U	330U
Dibenzofuran	330U	330U	330U	330U
Diethyl phthalate	330U	330U	330U	330U
2,4-Dimethylphenol	330U	330U	330U	330U
Dimethyl phthalate	330U	330U	330U	330U
4,6-Dinitro-2-methylphenol	670U	670U	670U	670U
2,4-Dinitrophenol	330U	330U	330U	330U
2,4-Dinitrotoluene	330U	330U	330U	330U

Table E-2A (Concluded)
IRP Site No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-9-5' 6-9-94 SB-9-5' 941448-0007	SB-9-20' 6-9-94 SB-9-20' 941448-0006	SB-10-6" 6-9-94 SB-10-6" 941448-0008	SB-10-20' 6-9-94 SB-10-20' 941448-0009
Matrix Semivolatile Organics Data Package	Soil 941448	Soil 941448	Soil 941448	Soil 941448
2,6-Dinitrotoluene	330U	330U	330U	330U
Di-n-octyl phthalate	330U	330U	330U	330U
Fluorene	330U	330U	330U	330U
Fluoranthene	330U	330U	330U	330U
Hexachlorobenzene	330U	330U	330U	330U
Hexachlorobutadiene	330U	330U	330U	330U
Hexachlorocyclopentadiene	330U	330U	330U	330U
Hexachloroethane	330U	330U	330U	330U
Indeno(1,2,3-cd)pyrene	330U	330U	330U	330U
Isophorone	330U	330U	330U	330U
2-Methylnaphthalene	330U	330U	330U	330U
2-Methylphenol	330U	330U	330U	330U
4-Methylphenol	330U	330U	330U	330U
2-Nitroaniline	330U	330U	330U	330U
3-Nitroaniline	1,700U	1,700U	1,700U	1,700U
4-Nitroaniline	1,700U	1,700U	1,700U	1,700U
2-Nitrophenol	670U	670U	670U	670U
4-Nitrophenol	670U	670U	670U	670U
N-Nitrosodimethylamine	1,700U	1,700U	1,700U	1,700U
N-Nitrosodi-n-propylamine	330U	330U	330U	330U
N-Nitrosodiphenylamine	330U	330U	330U	330U
Naphthalene	330U	330U	330U	330U
Nitrobenzene	330U	330U	330U	330U
Pentachlorophenol	670U	670U	670U	670U
Phenanthrene	330U	330U	330U	330U
Phenol	330U	330U	330U	330U
Pyrene	330U	330U	330U	330U
1,2,4-Trichlorobenzene	330U	330U	330U	330U
2,4,5-Trichlorophenol	330U	330U	330U	330U
2,4,6-Trichlorophenol	330U	330U	330U	330U

Table E-2B
IRP Site No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Metals Analyses for Soil Samples
(Results in milligrams per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		SB-1-6" 6-8-94 SB-1-6" 941433-0001	SB-1-20' 6-8-94 SB-1-20' 941433-0002	SB-2-6" 6-8-94 SB-2-6" 941433-0003
Priority Metals	Matrix Data Package	Soil 941433	Soil 941433	Soil 941433
Antimony		0.500U	0.500U	0.500U
Arsenic		0.80	0.69	1.4
Beryllium		0.500U	0.500U	0.500U
Cadmium		0.70	0.500U	0.53
Chromium		5.9	6.7	6.7
Copper		6.7	8.1	10
Lead		43	2.0	6.3
Nickel		7.7	8.8	10
Silver		0.500U	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U
Zinc		73	25	30
Mercury		0.018	0.018	0.016
Selenium		0.10U	0.10U	0.20

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		SB-2-20' 6-8-94 SB-2-20' 941433-0004	SB-3-6" 6-8-94 SB-3-6" 941433-0005	SB-3-20' 6-8-94 SB-3-20' 941433-0006
Priority Metals	Matrix Data Package	Soil 941433	Soil 941433	Soil 941433
Antimony		0.500U	0.500U	0.500U
Arsenic		0.62	1.5	1.3
Beryllium		0.500U	0.500U	0.500U
Cadmium		0.500U	0.500U	0.500U
Chromium		7.2	7.0	7.5
Copper		8.5	12	9.4
Lead		2.1	8.3	2.8
Nickel		9.6	14	11
Silver		0.500U	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U
Zinc		28	85	28
Mercury		0.035	0.020	0.017
Selenium		0.10U	0.16	0.10U

Table E-2B (Continued)
IRP Site No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Metals Analyses for Soil Samples
(Results in milligrams per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		SB-4-6" 6-8-94 SB-4-6" 941433-0007	SB-4-6"-dup 6-9-94 SB-4-6"-dup 941448-0019	SB-4-4' 6-9-94 SB-4-4' 941448-0013
Priority Metals	Matrix Data Package	Soil 941433	Soil 941448	Soil 941448
Antimony		0.500U	1.2	0.500U
Arsenic		2.0	2.3	1.5
Beryllium		0.500U	0.500U	0.500U
Cadmium		1.0	3.1	1.0
Chromium		14	120	10
Copper		17	26	14
Lead		2,400	850	4.8
Nickel		8.5	9.6	18
Silver		1.3	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U
Zinc		800	210	36
Mercury		0.020	0.010U	0.036
Selenium		0.13	3.0U	3.0U

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		SB-4-20' 6-8-94 SB-4-20' 941433-0008	SB-5-6" 6-8-94 SB-5-6" 941433-0009	SB-5-6"-dup 6-9-94 SB-5-6"-dup 941448-0010
Priority Metals	Matrix Data Package	Soil 941433	Soil 941433	Soil 941448
Antimony		0.500U	0.500U	0.500U
Arsenic		1.5	2.2	1.7
Beryllium		0.500U	0.500U	0.500U
Cadmium		0.500U	0.66	1.5
Chromium		7.5	8.8	8.6
Copper		8.6	16	9.9
Lead		5.3	55	120
Nickel		9.5	11	7.9
Silver		0.500U	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U
Zinc		32	48	70
Mercury		0.018	0.017	0.010
Selenium		0.10U	0.10U	3.0U

Table E-2B (Continued)
IRP Site No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Metals Analyses for Soil Samples
(Results in milligrams per kilogram)

Location/QC No:		SB-5-2'	SB-5-4'	SB-5-20'
Sample Date:		6-9-94	6-9-94	6-8-94
Field Sample No.:		SB-5-2'	SB-5-4'	SB-5-20'
Lab Sample No.:		941448-0011	941448-0012	941433-0010
Priority Metals	Matrix	Soil	Soil	Soil
	Data Package	941448	941448	941433
Antimony		0.500U	0.500U	0.500U
Arsenic		1.2	1.0	1.5
Beryllium		0.500U	0.500U	0.500U
Cadmium		0.57	0.500U	0.500U
Chromium		7.4	7.0	9.3
Copper		9.1	8.8	12
Lead		3.4	3.0	3.0
Nickel		12	52	15
Silver		0.50	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U
Zinc		26	28	34
Mercury		0.028	0.040	0.014
Selenium		3.0U	3.0U	0.15

Location/QC No:		SB-6-6"	SB-6-20'	SB-7-6"
Sample Date:		6-8-94	6-8-94	6-9-94
Field Sample No.:		SB-6-6"	SB-6-20'	SB-7-6"
Lab Sample No.:		941433-0011	941433-0012	941448-0001
Priority Metals	Matrix	Soil	Soil	Soil
	Data Package	941433	941433	941448
Antimony		0.500U	0.500U	0.500U
Arsenic		1.8	1.2	1.4
Beryllium		0.500U	0.500U	0.500U
Cadmium		1.4	0.500U	0.54
Chromium		12	9.2	7.6
Copper		24	12	9.7
Lead		88	2.8	11
Nickel		12	9.7	8.2
Silver		0.500U	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U
Zinc		94	36	26
Mercury		0.014	0.019	0.019
Selenium		0.16	0.10U	3.0U

Table E-2B (Concluded)
IRP Site No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Metals Analyses for Soil Samples
(Results in milligrams per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		SB-7-20' 6-9-94 SB-7-20' 941448-0002	SB-8-6" 6-9-94 SB-8-6" 941448-0003	SB-8-20' 6-9-94 SB-8-20' 941448-0004	SB-9-6" 6-9-94 SB-9-6" 941448-0005
Priority Metals	Matrix Data Package	Soil 941448	Soil 941448	Soil 941448	Soil 941448
Antimony		0.500U	0.500U	0.500U	0.500U
Arsenic		0.93	1.4	0.82	2.6
Beryllium		0.500U	0.500U	0.500U	0.500U
Cadmium		0.500U	1.3	0.500U	0.500U
Chromium		7.9	11	9.1	7.3
Copper		8.2	11	8.7	9.7
Lead		3.3	6.2	3.8	6.5
Nickel		7.2	13	7.8	10
Silver		0.500U	0.500U	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U	0.500U
Zinc		30	640	38	32
Mercury		0.010U	0.013	0.012	0.027
Selenium		11	4.7	3.0U	3.0U

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		SB-9-5' 6-9-94 SB-9-5' 941448-0007	SB-9-20' 6-9-94 SB-9-20' 941448-0006	SB-10-6" 6-9-94 SB-10-6" 941448-0008	SB-10-20' 6-9-94 SB-10-20' 941448-0009
Priority Metals	Matrix Data Package	Soil 941448	Soil 941448	Soil 941448	Soil 941448
Antimony		0.56	0.500U	0.500U	0.500U
Arsenic		1.4	0.87	1.0	1.2
Beryllium		0.500U	0.500U	0.500U	0.500U
Cadmium		0.500U	0.500U	0.53	0.500U
Chromium		8.4	11	6.5	10
Copper		9.2	8.5	7.1	9.7
Lead		3.3	4.9	3.0	4.1
Nickel		13	9.4	10	8.2
Silver		0.500U	0.500U	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U	0.500U
Zinc		33	39	22	41
Mercury		0.030	0.026	0.010U	0.017
Selenium		3.0U	3.0U	3.0U	3.0U

Table E-2C
 IRP Site No. 1
 261st CCSQ, Sepulveda ANGS, Van Nuys, California
 Summary of TPH and Oil and Grease Analyses for Soil Samples

Location/QC No:	SB-1-6"	SB-1-20'	SB-2-6"
Sample Date:	6-8-94	6-8-94	6-8-94
Field Sample No.:	SB-1-6"	SB-1-20'	SB-2-6"
Lab Sample No.:	941433-0001	941433-0002	941433-0003
Matrix	Soil	Soil	Soil
TPH/Oil & GreaseData Package	941433	941433	941433
TPH (Diesel) (mg/kg)	10U	10U	10U
TPH (Gasoline) (μ g/kg)	500U	500U	500U
Oil and Grease (mg/kg)	34	5U	380

Location/QC No:	SB-2-20'	SB-3-6"	SB-3-20'
Sample Date:	6-8-94	6-8-94	6-8-94
Field Sample No.:	SB-2-20'	SB-3-6"	SB-3-20'
Lab Sample No.:	941433-0004	941433-0005	941433-0006
Matrix	Soil	Soil	Soil
TPH/Oil & GreaseData Package	941433	941433	941433
TPH (Diesel) (mg/kg)	10U	10U	10U
TPH (Gasoline) (μ g/kg)	500U	500U	500U
Oil and Grease (mg/kg)	5U	8,500	5U

Location/QC No:	SB-4-6"	SB-4-6"-dup	SB-4-4'
Sample Date:	6-8-94	6-9-94	6-9-94
Field Sample No.:	SB-4-6"	SB-4-6"-dup	SB-4-4'
Lab Sample No.:	941433-0007	941448-0019	941448-0013
Matrix	Soil	Soil	Soil
TPH/Oil & GreaseData Package	941433	941448	941448
TPH (Diesel) (mg/kg)	1,400	10U	10U
TPH (Gasoline) (μ g/kg)	500U	500U	500U
Oil and Grease (mg/kg)	5,700	28	28

Table E-2C (Continued)
 IRP Site No. 1
 261st CCSQ, Sepulveda ANG, Van Nuys, California
 Summary of TPH and Oil and Grease Analyses for Soil Samples

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-4-20' 6-8-94 SB-4-20' 941433-0008	SB-5-6" 6-8-94 SB-5-6" 941433-0009	SB-5-6"-dup 6-9-94 SB-5-6"-dup 941448-0010
Matrix TPH/Oil & Grease Data Package	Soil 941433	Soil 941433	Soil 941448
TPH (Diesel) (mg/kg)	10U - -	50U (C6-C40+) 1,300 -	100U (C22-C40+) 3,600 (C9-C19) 1,700
TPH (Gasoline) (µg/kg)	500U	530	500U
Oil and Grease (mg/kg)	5U	20,000	51,000

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-5-2' 6-9-94 SB-5-2' 941448-0011	SB-5-4' 6-9-94 SB-5-4' 941448-0012	SB-5-20' 6-8-94 SB-5-20' 941433-0010
Matrix TPH/Oil & Grease Data Package	Soil 941448	Soil 941448	Soil 941433
TPH (Diesel) (mg/kg)	10U	10U	10U
TPH (Gasoline) (µg/kg)	500U	500U	500U
Oil and Grease (mg/kg)	1,000	170	5U

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	SB-6-6" 6-8-94 SB-6-6" 941433-0011	SB-6-20' 6-8-94 SB-6-20' 941433-0012	SB-7-6" 6-9-94 SB-7-6" 941448-0001
Matrix TPH/Oil & Grease Data Package	Soil 941433	Soil 941433	Soil 941448
TPH (Diesel) (mg/kg)	10U (C7-C10) 310 (C22-C40+) 490	10U - -	10U - -
TPH (Gasoline) (µg/kg)	720	500U	500U
Oil and Grease (mg/kg)	2,800	5U	1,600

Table E-2C (Concluded)
IRP Site No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of TPH and Oil and Grease Analyses for Soil Samples

Location/QC No:	SB-7-20'	SB-8-6"	SB-8-20'
Sample Date:	6-9-94	6-9-94	6-9-94
Field Sample No.:	SB-7-20'	SB-8-6"	SB-8-20'
Lab Sample No.:	941448-0002	941448-0003	941448-0004
Matrix	Soil	Soil	Soil
TPH/Oil & Grease Data Package	941448	941448	941448
TPH (Diesel) (mg/kg)	10U	10U	10U
TPH (Gasoline) (μ g/kg)	500U	500U	500U
Oil and Grease (mg/kg)	5U	5U	5U

Location/QC No:	SB-9-6"	SB-9-5'	SB-9-20'
Sample Date:	6-9-94	6-9-94	6-9-94
Field Sample No.:	SB-9-6"	SB-9-5'	SB-9-20'
Lab Sample No.:	941448-0005	941448-0007	941448-0006
Matrix	Soil	Soil	Soil
TPH/Oil & Grease Data Package	941448	941448	941448
TPH (Diesel) (mg/kg)	10U	10U	10U
TPH (Gasoline) (μ g/kg)	500U	500U	500U
Oil and Grease (mg/kg)	250	5U	5U

Location/QC No:	SB-10-6"	SB-10-20'
Sample Date:	6-9-94	6-9-94
Field Sample No.:	SB-10-6"	SB-10-20'
Lab Sample No.:	941448-0008	941448-0009
Matrix	Soil	Soil
TPH/Oil & Grease Data Package	941448	941448
TPH (Diesel) (mg/kg)	10U	10U
TPH (Gasoline) (μ g/kg)	500U	500U
Oil and Grease (mg/kg)	310	5U

Table E-3
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Volatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-01-6" 6-10-94 AOCSL-01-6" 941458-0001	AOCSL-01-4' 6-10-94 AOCSL-01-4' 941458-0002	AOCSL-01-4'-dup 6-10-94 AOCSL-01-4'-dup 941458-0005
Matrix Volatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acetone	10U	10U	11
Benzene	5U	5U	5U
Bromodichloromethane	5U	5U	5U
Bromoform	5U	5U	5U
Bromomethane	10U	10U	10U
2-butanone	10U	10U	10U
Carbon disulfide	5U	5U	5U
Carbon tetrachloride	5U	5U	5U
Chlorobenzene	5U	5U	5U
Chlorodibromomethane	5U	5U	5U
Chloroethane	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U
Chloroform	5U	5U	5U
Chloromethane	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U
Ethylbenzene	5U	5U	5U
2-Hexanone	10U	10U	10U
Methylene Chloride	48	88	75
4-Methyl-2-pentanone	10U	10U	10U
Styrene	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U
Tetrachloroethene	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U
Trichloroethene	5U	5U	5U
Toluene	5U	5U	5U
Vinyl acetate	10U	10U	10U
Vinyl chloride	10U	10U	10U
Total Xylenes	5U	5U	5U

Table E-3 (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Volatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-01-10' 6-10-94 AOCSL-01-10' 941458-0003	AOCSL-01-20' 6-10-94 AOCSL-01-20' 941458-0004	AOCSL-02-6" 6-10-94 AOCSL-02-6" 941458-0006
Matrix Volatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acetone	14	11	10U
Benzene	5U	5U	5U
Bromodichloromethane	5U	5U	5U
Bromoform	5U	5U	5U
Bromomethane	10U	10U	10U
2-butanone	10U	10U	10U
Carbon disulfide	5U	5U	5U
Carbon tetrachloride	5U	5U	5U
Chlorobenzene	5U	5U	5U
Chlorodibromomethane	5U	5U	5U
Chloroethane	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U
Chloroform	5U	5U	5U
Chloromethane	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U
Ethylbenzene	5U	5U	5U
2-Hexanone	10U	10U	10U
Methylene Chloride	75	82	77
4-Methyl-2-pentanone	10U	10U	10U
Styrene	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U
Tetrachloroethene	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U
Trichloroethene	5U	5U	5U
Toluene	5U	5U	5U
Vinyl acetate	10U	10U	10U
Vinyl chloride	10U	10U	10U
Total Xylenes	5U	5U	5U

Table E-3 (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Volatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-02-5' 6-10-94 AOCSL-02-5' 941458-0007	AOCSL-02-15' 6-10-94 AOCSL-02-15' 941458-0008	AOCSL-03-6" 6-10-94 AOCSL-03-6" 941458-0009
Matrix Volatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acetone	10U	10U	10U
Benzene	5U	5U	5U
Bromodichloromethane	5U	5U	5U
Bromoform	5U	5U	5U
Bromomethane	10U	10U	10U
2-butanone	10U	10U	10U
Carbon disulfide	5U	5U	5U
Carbon tetrachloride	5U	5U	5U
Chlorobenzene	5U	5U	5U
Chlorodibromomethane	5U	5U	5U
Chloroethane	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U
Chloroform	5U	5U	5U
Chloromethane	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U
Ethylbenzene	5U	5U	5U
2-Hexanone	10U	10U	10U
Methylene Chloride	59	68	67
4-Methyl-2-pentanone	10U	10U	10U
Styrene	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U
Tetrachloroethene	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U
Trichloroethene	5U	5U	5U
Toluene	5U	5U	5U
Vinyl acetate	10U	10U	10U
Vinyl chloride	10U	10U	10U
Total Xylenes	5U	5U	5U

Table E-3 (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Volatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-03-5' 6-10-94 AOCSL-03-5' 941458-0010	AOCSL-03-15' 6-10-94 AOCSL-03-15' 941458-0011	AOCSL-04-6" 6-10-94 AOCSL-04-6" 941458-0012
Matrix Volatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acetone	10U	12	10U
Benzene	5U	5U	5U
Bromodichloromethane	5U	5U	5U
Bromoform	5U	5U	5U
Bromomethane	10U	10U	10U
2-butanone	10U	10U	10U
Carbon disulfide	5U	5U	5U
Carbon tetrachloride	5U	5U	5U
Chlorobenzene	5U	5U	5U
Chlorodibromomethane	5U	5U	5U
Chloroethane	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U
Chloroform	5U	5U	5U
Chloromethane	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U
Ethylbenzene	5U	5U	5U
2-Hexanone	10U	10U	10U
Methylene Chloride	82	62	70
4-Methyl-2-pentanone	10U	10U	10U
Styrene	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U
Tetrachloroethene	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U
Trichloroethene	5U	5U	5U
Toluene	5U	5U	5U
Vinyl acetate	10U	10U	10U
Vinyl chloride	10U	10U	10U
Total Xylenes	5U	5U	5U

Table E-3 (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Volatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-04-5' 6-10-94 AOCSL-04-5' 941458-0013	AOCSL-04-20' 6-10-94 AOCSL-04-20' 941458-0015	AOCSL-05-3' 6-10-94 AOCSL-05-3' 941458-0016
Matrix Volatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acetone	10U	10U	10U
Benzene	5U	5U	5U
Bromodichloromethane	5U	5U	5U
Bromoform	5U	5U	5U
Bromomethane	10U	10U	10U
2-butanone	10U	10U	10U
Carbon disulfide	5U	5U	5U
Carbon tetrachloride	5U	5U	5U
Chlorobenzene	5U	5U	5U
Chlorodibromomethane	5U	5U	5U
Chloroethane	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U
Chloroform	5U	5U	5U
Chloromethane	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U
Ethylbenzene	5U	5U	5U
2-Hexanone	10U	10U	10U
Methylene Chloride	25	38	37
4-Methyl-2-pentanone	10U	10U	10U
Styrene	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U
Tetrachloroethene	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U
Trichloroethene	5U	5U	5U
Toluene	5U	5U	5U
Vinyl acetate	10U	10U	10U
Vinyl chloride	10U	10U	10U
Total Xylenes	5U	5U	5U

Table E-3 (Concluded)
AOC No. 1
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Volatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-05-3'-dup 6-10-94 AOCSL-05-3'-dup 941458-0017	AOCSL-05-10' 6-10-94 AOCSL-05-10' 941458-0014	AOCSL-05-20' 6-10-94 AOCSL-05-20' 941458-0018
Matrix Volatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acetone	10U	10U	10U
Benzene	5U	5U	5U
Bromodichloromethane	5U	5U	5U
Bromoform	5U	5U	5U
Bromomethane	10U	10U	10U
2-butanone	10U	10U	10U
Carbon disulfide	5U	5U	5U
Carbon tetrachloride	5U	5U	5U
Chlorobenzene	5U	5U	5U
Chlorodibromomethane	5U	5U	5U
Chloroethane	10U	10U	10U
2-Chloroethylvinyl ether	10U	10U	10U
Chloroform	5U	5U	5U
Chloromethane	10U	10U	10U
1,1-Dichloroethane	5U	5U	5U
1,2-Dichloroethane	5U	5U	5U
1,1-Dichloroethene	5U	5U	5U
Total 1,2-Dichloroethenes	5U	5U	5U
1,2-Dichloropropane	5U	5U	5U
cis-1,3-Dichloropropene	5U	5U	5U
trans-1,3-Dichloropropene	5U	5U	5U
Ethylbenzene	5U	5U	5U
2-Hexanone	10U	10U	10U
Methylene Chloride	41	46	34
4-Methyl-2-pentanone	10U	10U	10U
Styrene	5U	5U	5U
1,1,2,2-Tetrachloroethane	5U	5U	5U
Tetrachloroethene	5U	5U	5U
1,1,1-Trichloroethane	5U	5U	5U
1,1,2-Trichloroethane	5U	5U	5U
Trichloroethene	5U	5U	5U
Toluene	5U	5U	5U
Vinyl acetate	10U	10U	10U
Vinyl chloride	10U	10U	10U
Total Xylenes	5U	5U	5U

Table E-3A
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-01-6" 6-10-94 AOCSL-01-6" 941458-0001	AOCSL-01-4' 6-10-94 AOCSL-01-4' 941458-0002	AOCSL-01-4'-dup 6-10-94 AOCSL-01-4'-dup 941458-0005
Matrix Semivolatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acenaphthene	330U	330U	330U
Acenaphthylene	330U	330U	330U
Anthracene	330U	330U	330U
Benidine	670U	670U	670U
Benzo(a)anthracene	330U	330U	330U
Benzo(b)fluoranthene	330U	330U	330U
Benzo(k)fluoranthene	330U	330U	330U
Benzoic acid	670U	670U	670U
Benzo(g,h,i)perylene	330U	330U	330U
Benzo(a)pyrene	330U	330U	330U
Benzyl alcohol	330U	330U	330U
Bis(2-chloroethoxy)methane	330U	330U	330U
Bis(2-chloroethyl)ether	330U	330U	330U
Bis(2-chloroisopropyl)ether	330U	330U	330U
Bis(2-ethylhexyl)phthalate	330U	330U	330U
4-Bromophenyl phenyl ether	330U	330U	330U
Butyl benzyl phthalate	330U	330U	330U
4-Chloroaniline	670U	670U	670U
4-Chloro-3-methylphenol	330U	330U	330U
2-Chloronaphthalene	330U	330U	330U
2-Chlorophenol	330U	330U	330U
4-Chlorophenyl phenyl ether	330U	330U	330U
Chrysene	330U	330U	330U
Di-n-butyl phthalate	330U	330U	330U
1,2-Dichlorobenzene	330U	330U	330U
1,3-Dichlorobenzene	330U	330U	330U
1,4-Dichlorobenzene	330U	330U	330U
3,3'-Dichlorobenzidine	330U	330U	330U
2,4-Dichlorophenol	670U	670U	670U
Dibenzo(a,h)anthracene	330U	330U	330U
Dibenzofuran	330U	330U	330U
Diethyl phthalate	330U	330U	330U
2,4-Dimethylphenol	330U	330U	330U
Dimethyl phthalate	330U	330U	330U
4,6-Dinitro-2-methylphenol	670U	670U	670U
2,4-Dinitrophenol	330U	330U	330U
2,4-Dinitrotoluene	330U	330U	330U

Table E-3A (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-01-6" 6-10-94 AOCSL-01-6" 941458-0001	AOCSL-01-4' 6-10-94 AOCSL-01-4' 941458-0002	AOCSL-01-4'-dup 6-10-94 AOCSL-01-4'-dup 941458-0005
Matrix Semivolatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
2,6-Dinitrotoluene	330U	330U	330U
Di-n-octyl phthalate	330U	330U	330U
Fluorene	330U	330U	330U
Fluoranthene	330U	330U	330U
Hexachlorobenzene	330U	330U	330U
Hexachlorobutadiene	330U	330U	330U
Hexachlorocyclopentadiene	330U	330U	330U
Hexachloroethane	330U	330U	330U
Indeno(1,2,3-cd)pyrene	330U	330U	330U
Isophorone	330U	330U	330U
2-Methylnaphthalene	330U	330U	330U
2-Methylphenol	330U	330U	330U
4-Methylphenol	330U	330U	330U
2-Nitroaniline	330U	330U	330U
3-Nitroaniline	1,700U	1,700U	1,700U
4-Nitroaniline	1,700U	1,700U	1,700U
2-Nitrophenol	670U	670U	670U
4-Nitrophenol	670U	670U	670U
N-Nitrosodimethylamine	1,700U	1,700U	1,700U
N-Nitrosodi-n-propylamine	330U	330U	330U
N-Nitrosodiphenylamine	330U	330U	330U
Naphthalene	330U	330U	330U
Nitrobenzene	330U	330U	330U
Pentachlorophenol	670U	670U	670U
Phenanthrene	330U	330U	330U
Phenol	330U	330U	330U
Pyrene	330U	330U	330U
1,2,4-Trichlorobenzene	330U	330U	330U
2,4,5-Trichlorophenol	330U	330U	330U
2,4,6-Trichlorophenol	330U	330U	330U

Table E-3A (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-01-10' 6-10-94 AOCSL-01-10' 941458-0003	AOCSL-01-20' 6-10-94 AOCSL-01-20' 941458-0004	AOCSL-02-6" 6-10-94 AOCSL-02-6" 941458-0006
Matrix Semivolatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acenaphthene	330U	330U	330U
Acenaphthylene	330U	330U	330U
Anthracene	330U	330U	330U
Benzidine	670U	670U	670U
Benzo(a)anthracene	330U	330U	330U
Benzo(b)fluoranthene	330U	330U	330U
Benzo(k)fluoranthene	330U	330U	330U
Benzoic acid	670U	670U	670U
Benzo(g,h,i)perylene	330U	330U	330U
Benzo(a)pyrene	330U	330U	330U
Benzyl alcohol	330U	330U	330U
Bis(2-chloroethoxy)methane	330U	330U	330U
Bis(2-chloroethyl)ether	330U	330U	330U
Bis(2-chloroisopropyl)ether	330U	330U	330U
Bis(2-ethylhexyl)phthalate	330U	330U	330U
4-Bromophenyl phenyl ether	330U	330U	330U
Butyl benzyl phthalate	330U	330U	330U
4-Chloroaniline	670U	670U	670U
4-Chloro-3-methylphenol	330U	330U	330U
2-Chloronaphthalene	330U	330U	330U
2-Chlorophenol	330U	330U	330U
4-Chlorophenyl phenyl ether	330U	330U	330U
Chrysene	330U	330U	330U
Di-n-butyl phthalate	330U	330U	330U
1,2-Dichlorobenzene	330U	330U	330U
1,3-Dichlorobenzene	330U	330U	330U
1,4-Dichlorobenzene	330U	330U	330U
3,3'-Dichlorobenzidine	330U	330U	330U
2,4-Dichlorophenol	670U	670U	670U
Dibenzo(a,h)anthracene	330U	330U	330U
Dibenzofuran	330U	330U	330U
Diethyl phthalate	330U	330U	330U
2,4-Dimethylphenol	330U	330U	330U
Dimethyl phthalate	330U	330U	330U
4,6-Dinitro-2-methylphenol	670U	670U	670U
2,4-Dinitrophenol	330U	330U	330U
2,4-Dinitrotoluene	330U	330U	330U

Table E-3A (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-01-10' 6-10-94 AOCSL-01-10' 941458-0003	AOCSL-01-20' 6-10-94 AOCSL-01-20' 941458-0004	AOCSL-02-6" 6-10-94 AOCSL-02-6" 941458-0006
Matrix Semivolatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
2,6-Dinitrotoluene	330U	330U	330U
Di-n-octyl phthalate	330U	330U	330U
Fluorene	330U	330U	330U
Fluoranthene	330U	330U	330U
Hexachlorobenzene	330U	330U	330U
Hexachlorobutadiene	330U	330U	330U
Hexachlorocyclopentadiene	330U	330U	330U
Hexachloroethane	330U	330U	330U
Indeno(1,2,3-cd)pyrene	330U	330U	330U
Isophorone	330U	330U	330U
2-Methylnaphthalene	330U	330U	330U
2-Methylphenol	330U	330U	330U
4-Methylphenol	330U	330U	330U
2-Nitroaniline	330U	330U	330U
3-Nitroaniline	1,700U	1,700U	1,700U
4-Nitroaniline	1,700U	1,700U	1,700U
2-Nitrophenol	670U	670U	670U
4-Nitrophenol	670U	670U	670U
N-Nitrosodimethylamine	1,700U	1,700U	1,700U
N-Nitrosodi-n-propylamine	330U	330U	330U
N-Nitrosodiphenylamine	330U	330U	330U
Naphthalene	330U	330U	330U
Nitrobenzene	330U	330U	330U
Pentachlorophenol	670U	670U	670U
Phenanthrene	330U	330U	330U
Phenol	330U	330U	330U
Pyrene	330U	330U	330U
1,2,4-Trichlorobenzene	330U	330U	330U
2,4,5-Trichlorophenol	330U	330U	330U
2,4,6-Trichlorophenol	330U	330U	330U

Table E-3A (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-02-5' 6-10-94 AOCSL-02-5' 941458-0007	AOCSL-02-15' 6-10-94 AOCSL-02-15' 941458-0008	AOCSL-03-6" 6-10-94 AOCSL-03-6" 941458-0009
Matrix Semivolatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acenaphthene	330U	330U	330U
Acenaphthylene	330U	330U	330U
Anthracene	330U	330U	330U
Benidine	670U	670U	670U
Benzo(a)anthracene	330U	330U	330U
Benzo(b)fluoranthene	330U	330U	330U
Benzo(k)fluoranthene	330U	330U	330U
Benzoic acid	670U	670U	670U
Benzo(g,h,i)perylene	330U	330U	330U
Benzo(a)pyrene	330U	330U	330U
Benzyl alcohol	330U	330U	330U
Bis(2-chloroethoxy)methane	330U	330U	330U
Bis(2-chloroethyl)ether	330U	330U	330U
Bis(2-chloroisopropyl)ether	330U	330U	330U
Bis(2-ethylhexyl)phthalate	330U	330U	330U
4-Bromophenyl phenyl ether	330U	330U	330U
Butyl benzyl phthalate	330U	330U	330U
4-Chloroaniline	670U	670U	670U
4-Chloro-3-methylphenol	330U	330U	330U
2-Chloronaphthalene	330U	330U	330U
2-Chlorophenol	330U	330U	330U
4-Chlorophenyl phenyl ether	330U	330U	330U
Chrysene	330U	330U	330U
Di-n-butyl phthalate	330U	330U	330U
1,2-Dichlorobenzene	330U	330U	330U
1,3-Dichlorobenzene	330U	330U	330U
1,4-Dichlorobenzene	330U	330U	330U
3,3'-Dichlorobenzidine	330U	330U	330U
2,4-Dichlorophenol	670U	670U	670U
Dibenzo(a,h)anthracene	330U	330U	330U
Dibenzofuran	330U	330U	330U
Diethyl phthalate	330U	330U	330U
2,4-Dimethylphenol	330U	330U	330U
Dimethyl phthalate	330U	330U	330U
4,6-Dinitro-2-methylphenol	670U	670U	670U
2,4-Dinitrophenol	330U	330U	330U
2,4-Dinitrotoluene	330U	330U	330U

Table E-3A (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-02-5' 6-10-94 AOCSL-02-5' 941458-0007	AOCSL-02-15' 6-10-94 AOCSL-02-15' 941458-0008	AOCSL-03-6" 6-10-94 AOCSL-03-6" 941458-0009
Matrix Semivolatile Organics Data Package		Soil 941458	Soil 941458	Soil 941458
2,6-Dinitrotoluene		330U	330U	330U
Di-n-octyl phthalate		330U	330U	330U
Fluorene		330U	330U	330U
Fluoranthene		330U	330U	330U
Hexachlorobenzene		330U	330U	330U
Hexachlorobutadiene		330U	330U	330U
Hexachlorocyclopentadiene		330U	330U	330U
Hexachloroethane		330U	330U	330U
Indeno(1,2,3-cd)pyrene		330U	330U	330U
Isophorone		330U	330U	330U
2-Methylnaphthalene		330U	330U	330U
2-Methylphenol		330U	330U	330U
4-Methylphenol		330U	330U	330U
2-Nitroaniline		330U	330U	330U
3-Nitroaniline		1,700U	1,700U	1,700U
4-Nitroaniline		1,700U	1,700U	1,700U
2-Nitrophenol		670U	670U	670U
4-Nitrophenol		670U	670U	670U
N-Nitrosodimethylamine		1,700U	1,700U	1,700U
N-Nitrosodi-n-propylamine		330U	330U	330U
N-Nitrosodiphenylamine		330U	330U	330U
Naphthalene		330U	330U	330U
Nitrobenzene		330U	330U	330U
Pentachlorophenol		670U	670U	670U
Phenanthrene		330U	330U	330U
Phenol		330U	330U	330U
Pyrene		330U	330U	330U
1,2,4-Trichlorobenzene		330U	330U	330U
2,4,5-Trichlorophenol		330U	330U	330U
2,4,6-Trichlorophenol		330U	330U	330U

Table E-3A (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-03-5' 6-10-94 AOCSL-03-5' 941458-0010	AOCSL-03-15' 6-10-94 AOCSL-03-15' 941458-0011	AOCSL-04-6" 6-10-94 AOCSL-04-6" 941458-0012
Matrix Semivolatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acenaphthene	330U	330U	330U
Acenaphthylene	330U	330U	330U
Anthracene	330U	330U	330U
Benzidine	670U	670U	670U
Benzo(a)anthracene	330U	330U	330U
Benzo(b)fluoranthene	330U	330U	330U
Benzo(k)fluoranthene	330U	330U	330U
Benzoic acid	670U	670U	670U
Benzo(g,h,i)perylene	330U	330U	330U
Benzo(a)pyrene	330U	330U	330U
Benzyl alcohol	330U	330U	330U
Bis(2-chloroethoxy)methane	330U	330U	330U
Bis(2-chloroethyl)ether	330U	330U	330U
Bis(2-chloroisopropyl)ether	330U	330U	330U
Bis(2-ethylhexyl)phthalate	330U	330U	330U
4-Bromophenyl phenyl ether	330U	330U	330U
Butyl benzyl phthalate	330U	330U	330U
4-Chloroaniline	670U	670U	670U
4-Chloro-3-methylphenol	330U	330U	330U
2-Chloronaphthalene	330U	330U	330U
2-Chlorophenol	330U	330U	330U
4-Chlorophenyl phenyl ether	330U	330U	330U
Chrysene	330U	330U	330U
Di-n-butyl phthalate	330U	330U	330U
1,2-Dichlorobenzene	330U	330U	330U
1,3-Dichlorobenzene	330U	330U	330U
1,4-Dichlorobenzene	330U	330U	330U
3,3'-Dichlorobenzidine	330U	330U	330U
2,4-Dichlorophenol	670U	670U	670U
Dibenzo(a,h)anthracene	330U	330U	330U
Dibenzofuran	330U	330U	330U
Diethyl phthalate	330U	330U	330U
2,4-Dimethylphenol	330U	330U	330U
Dimethyl phthalate	330U	330U	330U
4,6-Dinitro-2-methylphenol	670U	670U	670U
2,4-Dinitrophenol	330U	330U	330U
2,4-Dinitrotoluene	330U	330U	330U

Table E-3A (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-03-5' 6-10-94 AOCSL-03-5' 941458-0010	AOCSL-03-15' 6-10-94 AOCSL-03-15' 941458-0011	AOCSL-04-6" 6-10-94 AOCSL-04-6" 941458-0012
Matrix Semivolatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
2,6-Dinitrotoluene	330U	330U	330U
Di-n-octyl phthalate	330U	330U	330U
Fluorene	330U	330U	330U
Fluoranthene	330U	330U	330U
Hexachlorobenzene	330U	330U	330U
Hexachlorobutadiene	330U	330U	330U
Hexachlorocyclopentadiene	330U	330U	330U
Hexachloroethane	330U	330U	330U
Indeno(1,2,3-cd)pyrene	330U	330U	330U
Isophorone	330U	330U	330U
2-Methylnaphthalene	330U	330U	330U
2-Methylphenol	330U	330U	330U
4-Methylphenol	330U	330U	330U
2-Nitroaniline	330U	330U	330U
3-Nitroaniline	1,700U	1,700U	1,700U
4-Nitroaniline	1,700U	1,700U	1,700U
2-Nitrophenol	670U	670U	670U
4-Nitrophenol	670U	670U	670U
N-Nitrosodimethylamine	1,700U	1,700U	1,700U
N-Nitrosodi-n-propylamine	330U	330U	330U
N-Nitrosodiphenylamine	330U	330U	330U
Naphthalene	330U	330U	330U
Nitrobenzene	330U	330U	330U
Pentachlorophenol	670U	670U	670U
Phenanthrene	330U	330U	330U
Phenol	330U	330U	330U
Pyrene	330U	330U	330U
1,2,4-Trichlorobenzene	330U	330U	330U
2,4,5-Trichlorophenol	330U	330U	330U
2,4,6-Trichlorophenol	330U	330U	330U

Table E-3A (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-04-5' 6-10-94 AOCSL-04-5' 941458-0013	AOCSL-04-20' 6-10-94 AOCSL-04-20' 941458-0015	AOCSL-05-3' 6-10-94 AOCSL-05-3' 941458-0016
Matrix Semivolatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
Acenaphthene	330U	330U	330U
Acenaphthylene	330U	330U	330U
Anthracene	330U	330U	330U
Benidine	670U	670U	670U
Benzo(a)anthracene	330U	330U	330U
Benzo(b)fluoranthene	330U	330U	330U
Benzo(k)fluoranthene	330U	330U	330U
Benzoic acid	670U	670U	670U
Benzo(g,h,i)perylene	330U	330U	330U
Benzo(a)pyrene	330U	330U	330U
Benzyl alcohol	330U	330U	330U
Bis(2-chloroethoxy)methane	330U	330U	330U
Bis(2-chloroethyl)ether	330U	330U	330U
Bis(2-chloroisopropyl)ether	330U	330U	330U
Bis(2-ethylhexyl)phthalate	330U	330U	330U
4-Bromophenyl phenyl ether	330U	330U	330U
Butyl benzyl phthalate	330U	330U	330U
4-Chloroaniline	670U	670U	670U
4-Chloro-3-methylphenol	330U	330U	330U
2-Chloronaphthalene	330U	330U	330U
2-Chlorophenol	330U	330U	330U
4-Chlorophenyl phenyl ether	330U	330U	330U
Chrysene	330U	330U	330U
Di-n-butyl phthalate	330U	330U	330U
1,2-Dichlorobenzene	330U	330U	330U
1,3-Dichlorobenzene	330U	330U	330U
1,4-Dichlorobenzene	330U	330U	330U
3,3'-Dichlorobenzidine	330U	330U	330U
2,4-Dichlorophenol	670U	670U	670U
Dibenzo(a,h)anthracene	330U	330U	330U
Dibenzofuran	330U	330U	330U
Diethyl phthalate	330U	330U	330U
2,4-Dimethylphenol	330U	330U	330U
Dimethyl phthalate	330U	330U	330U
4,6-Dinitro-2-methylphenol	670U	670U	670U
2,4-Dinitrophenol	330U	330U	330U
2,4-Dinitrotoluene	330U	330U	330U

Table E-3A (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-04-5' 6-10-94 AOCSL-04-5' 941458-0013	AOCSL-04-20' 6-10-94 AOCSL-04-20' 941458-0015	AOCSL-05-3' 6-10-94 AOCSL-05-3' 941458-0016
Matrix Semivolatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
2,6-Dinitrotoluene	330U	330U	330U
Di-n-octyl phthalate	330U	330U	330U
Fluorene	330U	330U	330U
Fluoranthene	330U	330U	330U
Hexachlorobenzene	330U	330U	330U
Hexachlorobutadiene	330U	330U	330U
Hexachlorocyclopentadiene	330U	330U	330U
Hexachloroethane	330U	330U	330U
Indeno(1,2,3-cd)pyrene	330U	330U	330U
Isophorone	330U	330U	330U
2-Methylnaphthalene	330U	330U	330U
2-Methylphenol	330U	330U	330U
4-Methylphenol	330U	330U	330U
2-Nitroaniline	330U	330U	330U
3-Nitroaniline	1,700U	1,700U	1,700U
4-Nitroaniline	1,700U	1,700U	1,700U
2-Nitrophenol	670U	670U	670U
4-Nitrophenol	670U	670U	670U
N-Nitrosodimethylamine	1,700U	1,700U	1,700U
N-Nitrosodi-n-propylamine	330U	330U	330U
N-Nitrosodiphenylamine	330U	330U	330U
Naphthalene	330U	330U	330U
Nitrobenzene	330U	330U	330U
Pentachlorophenol	670U	670U	670U
Phenanthrene	330U	330U	330U
Phenol	330U	330U	330U
Pyrene	330U	330U	330U
1,2,4-Trichlorobenzene	330U	330U	330U
2,4,5-Trichlorophenol	330U	330U	330U
2,4,6-Trichlorophenol	330U	330U	330U

Table E-3A (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-05-3'-dup 6-10-94 AOCSL-05-3'-dup 941458-0017	AOCSL-05-10' 6-10-94 AOCSL-05-10' 941458-0014	AOCSL-05-20' 6-10-94 AOCSL-05-20' 941458-0018
Matrix Semivolatile Organics Data Package		Soil 941458	Soil 941458	Soil 941458
Acenaphthene		330U	330U	330U
Acenaphthylene		330U	330U	330U
Anthracene		330U	330U	330U
Benzidine		670U	670U	670U
Benzo(a)anthracene		330U	330U	330U
Benzo(b)fluoranthene		330U	330U	330U
Benzo(k)fluoranthene		330U	330U	330U
Benzoic acid		670U	670U	670U
Benzo(g,h,i)perylene		330U	330U	330U
Benzo(a)pyrene		330U	330U	330U
Benzyl alcohol		330U	330U	330U
Bis(2-chloroethoxy)methane		330U	330U	330U
Bis(2-chloroethyl)ether		330U	330U	330U
Bis(2-chloroisopropyl)ether		330U	330U	330U
Bis(2-ethylhexyl)phthalate		330U	330U	330U
4-Bromophenyl phenyl ether		330U	330U	330U
Butyl benzyl phthalate		330U	330U	330U
4-Chloroaniline		670U	670U	670U
4-Chloro-3-methylphenol		330U	330U	330U
2-Chloronaphthalene		330U	330U	330U
2-Chlorophenol		330U	330U	330U
4-Chlorophenyl phenyl ether		330U	330U	330U
Chrysene		330U	330U	330U
Di-n-butyl phthalate		330U	330U	330U
1,2-Dichlorobenzene		330U	330U	330U
1,3-Dichlorobenzene		330U	330U	330U
1,4-Dichlorobenzene		330U	330U	330U
3,3'-Dichlorobenzidine		330U	330U	330U
2,4-Dichlorophenol		670U	670U	670U
Dibenzo(a,h)anthracene		330U	330U	330U
Dibenzofuran		330U	330U	330U
Diethyl phthalate		330U	330U	330U
2,4-Dimethylphenol		330U	330U	330U
Dimethyl phthalate		330U	330U	330U
4,6-Dinitro-2-methylphenol		670U	670U	670U
2,4-Dinitrophenol		330U	330U	330U
2,4-Dinitrotoluene		330U	330U	330U

Table E-3A (Concluded)
AOC No. 1
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Semivolatile Organic Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:	AOCSL-05-3'-dup 6-10-94 AOCSL-05-3'-dup 941458-0017	AOCSL-05-10' 6-10-94 AOCSL-05-10' 941458-0014	AOCSL-05-20' 6-10-94 AOCSL-05-20' 941458-0018
Matrix Semivolatile Organics Data Package	Soil 941458	Soil 941458	Soil 941458
2,6-Dinitrotoluene	330U	330U	330U
Di-n-octyl phthalate	330U	330U	330U
Fluorene	330U	330U	330U
Fluoranthene	330U	330U	330U
Hexachlorobenzene	330U	330U	330U
Hexachlorobutadiene	330U	330U	330U
Hexachlorocyclopentadiene	330U	330U	330U
Hexachloroethane	330U	330U	330U
Indeno(1,2,3-cd)pyrene	330U	330U	330U
Isophorone	330U	330U	330U
2-Methylnaphthalene	330U	330U	330U
2-Methylphenol	330U	330U	330U
4-Methylphenol	330U	330U	330U
2-Nitroaniline	330U	330U	330U
3-Nitroaniline	1,700U	1,700U	1,700U
4-Nitroaniline	1,700U	1,700U	1,700U
2-Nitrophenol	670U	670U	670U
4-Nitrophenol	670U	670U	670U
N-Nitrosodimethylamine	1,700U	1,700U	1,700U
N-Nitrosodi-n-propylamine	330U	330U	330U
N-Nitrosodiphenylamine	330U	330U	330U
Naphthalene	330U	330U	330U
Nitrobenzene	330U	330U	330U
Pentachlorophenol	670U	670U	670U
Phenanthrene	330U	330U	330U
Phenol	330U	330U	330U
Pyrene	330U	330U	330U
1,2,4-Trichlorobenzene	330U	330U	330U
2,4,5-Trichlorophenol	330U	330U	330U
2,4,6-Trichlorophenol	330U	330U	330U

Table E-3B
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Pesticides/PCBs Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-01-6" 6-10-94 AOCSL-01-6" 941458-0001	AOCSL-01-4' 6-10-94 AOCSL-01-4' 941458-0002	AOCSL-01-4'-dup 6-10-94 AOCSL-01-4'-dup 941458-0005
Pesticides/PCBs	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
a-BHC		1.65U	1.65U	1.65U
b-BHC		1.65U	1.65U	1.65U
Delta-BHC		1.65U	1.65U	1.65U
g-BHC		1.65U	1.65U	1.65U
Heptachlor		1.65U	1.65U	1.65U
Aldrin		1.65U	1.65U	1.65U
Heptachloroepoxide		1.65U	1.65U	1.65U
Endosulfan I		1.65U	1.65U	1.65U
4,4'-DDE		1.65U	1.65U	1.65U
Dieldrin		1.65U	1.65U	1.65U
Endrin		1.65U	1.65U	1.65U
Endosulfan II		1.65U	1.65U	1.65U
4,4'-DDD		1.65U	1.65U	1.65U
Endrin aldehyde		1.65U	1.65U	1.65U
Endosulfan sulfate		1.65U	1.65U	1.65U
4,4'-DDT		1.65U	1.65U	1.65U
Methoxychlor		3.3U	3.3U	3.3U
Chlordane		33U	33U	33U
Toxaphene		33U	33U	33U
Aroclor-1016		33U	33U	33U
Aroclor-1221		33U	33U	33U
Aroclor-1232		33U	33U	33U
Aroclor-1242		33U	33U	33U
Aroclor-1248		33U	33U	33U
Aroclor-1254		33U	33U	33U
Aroclor-1260		33U	33U	33U

Table E-3B (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Pesticides/PCBs Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-01-10' 6-10-94 AOCSL-01-10' 941458-0003	AOCSL-01-20' 6-10-94 AOCSL-01-20' 941458-0004	AOCSL-02-6" 6-10-94 AOCSL-02-6" 941458-0006
Pesticides/PCBs	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
a-BHC		1.65U	1.65U	1.65U
b-BHC		1.65U	1.65U	1.65U
Delta-BHC		1.65U	1.65U	1.65U
g-BHC		1.65U	1.65U	1.65U
Heptachlor		1.65U	1.65U	1.65U
Aldrin		1.65U	1.65U	1.65U
Heptachloroepoxide		1.65U	1.65U	1.65U
Endosulfan I		1.65U	1.65U	1.65U
4,4'-DDE		1.65U	1.65U	1.65U
Dieldrin		1.65U	1.65U	1.65U
Endrin		1.65U	1.65U	1.65U
Endosulfan II		1.65U	1.65U	1.65U
4,4'-DDD		1.65U	1.65U	1.65U
Endrin aldehyde		1.65U	1.65U	1.65U
Endosulfan sulfate		1.65U	1.65U	1.65U
4,4'-DDT		1.65U	1.65U	1.65U
Methoxychlor		3.3U	3.3U	3.3U
Chlordane		33U	33U	33U
Toxaphene		33U	33U	33U
Aroclor-1016		33U	33U	33U
Aroclor-1221		33U	33U	33U
Aroclor-1232		33U	33U	33U
Aroclor-1242		33U	33U	33U
Aroclor-1248		33U	33U	33U
Aroclor-1254		33U	33U	33U
Aroclor-1260		33U	33U	33U

Table E-3B (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Pesticides/PCBs Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-02-5' 6-10-94 AOCSL-02-5' 941458-0007	AOCSL-02-15' 6-10-94 AOCSL-02-15' 941458-0008	AOCSL-03-6" 6-10-94 AOCSL-03-6" 941458-0009
Pesticides/PCBs	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
a-BHC		1.65U	1.65U	1.65U
b-BHC		1.65U	1.65U	1.65U
Delta-BHC		1.65U	1.65U	1.65U
g-BHC		1.65U	1.65U	1.65U
Heptachlor		1.65U	1.65U	1.65U
Aldrin		1.65U	1.65U	1.65U
Heptachloroepoxide		1.65U	1.65U	1.65U
Endosulfan I		1.65U	1.65U	1.65U
4,4'-DDE		1.65U	1.65U	3.0
Dieldrin		1.65U	1.65U	1.65U
Endrin		1.65U	1.65U	1.65U
Endosulfan II		1.65U	1.65U	1.65U
4,4'-DDD		1.65U	1.65U	2.1
Endrin aldehyde		1.65U	1.65U	1.65U
Endosulfan sulfate		1.65U	1.65U	1.65U
4,4'-DDT		1.65U	1.65U	12
Methoxychlor		3.3U	3.3U	3.3U
Chlordane		33U	33U	33U
Toxaphene		33U	33U	33U
Aroclor-1016		33U	33U	33U
Aroclor-1221		33U	33U	33U
Aroclor-1232		33U	33U	33U
Aroclor-1242		33U	33U	33U
Aroclor-1248		33U	33U	33U
Aroclor-1254		33U	33U	33U
Aroclor-1260		33U	33U	33U

Table E-3B (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Pesticides/PCBs Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-03-5' 6-10-94 AOCSL-03-5' 941458-0010	AOCSL-03-15' 6-10-94 AOCSL-03-15' 941458-0011	AOCSL-04-6" 6-10-94 AOCSL-04-6" 941458-0012
Pesticides/PCBs	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
a-BHC		1.65U	1.65U	1.65U
b-BHC		1.65U	1.65U	1.65U
Delta-BHC		1.65U	1.65U	1.65U
g-BHC		1.65U	1.65U	1.65U
Heptachlor		1.65U	1.65U	1.65U
Aldrin		1.65U	1.65U	1.65U
Heptachloroepoxide		1.65U	1.65U	1.65U
Endosulfan I		1.65U	1.65U	1.65U
4,4'-DDE		1.65U	1.65U	1.65U
Dieldrin		2.2	1.65U	1.65U
Endrin		1.65U	1.65U	1.65U
Endosulfan II		1.65U	1.65U	1.65U
4,4'-DDD		1.65U	1.65U	1.65U
Endrin aldehyde		1.65U	1.65U	1.65U
Endosulfan sulfate		1.65U	1.65U	1.65U
4,4'-DDT		1.65U	1.65U	1.65U
Methoxychlor		3.3U	3.3U	3.3U
Chlordane		33U	33U	33U
Toxaphene		33U	33U	33U
Aroclor-1016		33U	33U	33U
Aroclor-1221		33U	33U	33U
Aroclor-1232		33U	33U	33U
Aroclor-1242		33U	33U	33U
Aroclor-1248		33U	33U	33U
Aroclor-1254		33U	33U	33U
Aroclor-1260		33U	33U	33U

Table E-3B (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Pesticides/PCBs Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-04-5' 6-10-94 AOCSL-04-5' 941458-0013	AOCSL-04-20' 6-10-94 AOCSL-04-20' 941458-0015	AOCSL-05-3' 6-10-94 AOCSL-05-3' 941458-0016
Pesticides/PCBs	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
a-BHC		1.65U	1.65U	1.65U
b-BHC		1.65U	1.65U	1.65U
Delta-BHC		1.65U	1.65U	1.65U
g-BHC		1.65U	1.65U	1.65U
Heptachlor		1.65U	1.65U	1.65U
Aldrin		1.65U	1.65U	1.65U
Heptachloroepoxide		1.65U	1.65U	1.65U
Endosulfan I		1.65U	1.65U	1.65U
4,4'-DDE		1.65U	1.65U	1.65U
Dieldrin		1.65U	1.65U	1.65U
Endrin		1.65U	1.65U	1.65U
Endosulfan II		1.65U	1.65U	1.65U
4,4'-DDD		1.65U	1.65U	1.65U
Endrin aldehyde		1.65U	1.65U	1.65U
Endosulfan sulfate		1.65U	1.65U	1.65U
4,4'-DDT		1.65U	1.65U	1.65U
Methoxychlor		3.3U	3.3U	3.3U
Chlordane		33U	33U	33U
Toxaphene		33U	33U	33U
Aroclor-1016		33U	33U	33U
Aroclor-1221		33U	33U	33U
Aroclor-1232		33U	33U	33U
Aroclor-1242		33U	33U	33U
Aroclor-1248		33U	33U	33U
Aroclor-1254		33U	33U	33U
Aroclor-1260		33U	33U	33U

Table E-3B (Concluded)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Pesticides/PCBs Analyses for Soil Samples
(Results in micrograms per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-05-3'-dup 6-10-94 AOCSL-05-3'-dup 941458-0017	AOCSL-05-10' 6-10-94 AOCSL-05-10' 941458-0014	AOCSL-05-20' 6-10-94 AOCSL-05-20' 941458-0018
Pesticides/PCBs	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
a-BHC		1.65U	1.65U	1.65U
b-BHC		1.65U	1.65U	1.65U
Delta-BHC		1.65U	1.65U	1.65U
g-BHC		1.65U	1.65U	1.65U
Heptachlor		1.65U	1.65U	1.65U
Aldrin		1.65U	1.65U	1.65U
Heptachloroepoxide		1.65U	1.65U	1.65U
Endosulfan I		1.65U	1.65U	1.65U
4,4'-DDE		1.65U	1.65U	1.65U
Dieldrin		1.65U	1.65U	1.65U
Endrin		1.65U	1.65U	1.65U
Endosulfan II		1.65U	1.65U	1.65U
4,4'-DDD		1.65U	1.65U	1.65U
Endrin aldehyde		1.65U	1.65U	1.65U
Endosulfan sulfate		1.65U	1.65U	1.65U
4,4'-DDT		1.65U	1.65U	1.65U
Methoxychlor		3.3U	3.3U	3.3U
Chlordane		33U	33U	33U
Toxaphene		33U	33U	33U
Aroclor-1016		33U	33U	33U
Aroclor-1221		33U	33U	33U
Aroclor-1232		33U	33U	33U
Aroclor-1242		33U	33U	33U
Aroclor-1248		33U	33U	33U
Aroclor-1254		33U	33U	33U
Aroclor-1260		33U	33U	33U

Table E-3C
AOC No. 1
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Metals, Sulfate, and Hydrazine Analyses for Soil Samples
(Results in milligrams per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-01-6" 6-10-94 AOCSL-01-6" 941458-0001	AOCSL-01-4' 6-10-94 AOCSL-01-4' 941458-0002	AOCSL-01-4'-dup 6-10-94 AOCSL-01-4'-dup 941458-0005
Priority Metals	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
Antimony		0.500U	0.500U	0.500U
Arsenic		1.4	1.7	1.3
Beryllium		0.500U	0.500U	0.500U
Cadmium		0.54	1.7	1.0
Chromium		8.2	11	11
Copper		9.7	13	9.6
Lead		2.8	9.0	5.0
Nickel		12	14	16
Silver		0.500U	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U
Zinc		38	53	27
Mercury		0.010U	0.010	0.013
Selenium		0.26	5.2	3.0U
Field Sample No.: Lab Sample No.:		AOCSL-01-6" 941458-0001	AOCSL-01-4' 941458-0002	AOCSL-01-4'-dup 941458-0005
Sulfate (mg/kg)		10U	10U	10U
Hydrazine (μ g/kg)		25U	25U	25U

Table E-3C (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Metals, Sulfate, and Hydrazine Analyses for Soil Samples
(Results in milligrams per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-01-10' 6-10-94 AOCSL-01-10' 941458-0003	AOCSL-01-20' 6-10-94 AOCSL-01-20' 941458-0004	AOCSL-02-6" 6-10-94 AOCSL-02-6" 941458-0006
Priority Metals	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
Antimony		0.500U	0.500U	0.500U
Arsenic		2.2	1.4	1.2
Beryllium		0.500U	0.500U	0.500U
Cadmium		1.1	0.56	0.62
Chromium		12	6.8	8.9
Copper		12	6.8	8.0
Lead		4.7	3.0	3.2
Nickel		16	6.7	15
Silver		0.500U	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U
Zinc		56	42	24
Mercury		0.022	0.010U	0.010U
Selenium		3.0U	3.5	0.27
Field Sample No.: Lab Sample No.:		AOCSL-01-10' 941458-0003	AOCSL-01-20' 941458-0004	AOCSL-02-6" 941458-0006
Sulfate (mg/kg)		10U	10U	10U
Hydrazine ($\mu\text{g/kg}$)		50U	25U	25U

Table E-3C (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Metals, Sulfate, and Hydrazine Analyses for Soil Samples
(Results in milligrams per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-02-5' 6-10-94 AOCSL-02-5' 941458-0007	AOCSL-02-15' 6-10-94 AOCSL-02-15' 941458-0008	AOCSL-03-6" 6-10-94 AOCSL-03-6" 941458-0009
Priority Metals	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
Antimony		0.500U	0.500U	0.500U
Arsenic		1.6	1.3	1.6
Beryllium		0.500U	0.500U	0.500U
Cadmium		0.86	0.500U	0.76
Chromium		10	7.2	11
Copper		10	6.3	10
Lead		4.7	2.6	11
Nickel		17	11	17
Silver		0.500U	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U
Zinc		29	20	33
Mercury		0.010U	0.010U	0.010U
Selenium		3.0U	3.0U	3.0U
Field Sample No.: Lab Sample No.:		AOCSL-02-5' 941458-0007	AOCSL-02-15' 941458-0008	AOCSL-03-6" 941458-0009
Sulfate (mg/kg)		10U	10U	14
Hydrazine ($\mu\text{g/kg}$)		25U	25U	50U

Table E-3C (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANGS, Van Nuys, California
Summary of Metals, Sulfate, and Hydrazine Analyses for Soil Samples
(Results in milligrams per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-03-5' 6-10-94 AOCSL-03-5' 941458-0010	AOCSL-03-15' 6-10-94 AOCSL-03-15' 941458-0011	AOCSL-04-6" 6-10-94 AOCSL-04-6" 941458-0012
Priority Metals	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
Antimony		0.500U	0.500U	0.500U
Arsenic		1.9	1.5	2.3
Beryllium		0.500U	0.500U	0.500U
Cadmium		1.4	0.58	0.87
Chromium		12	12	13
Copper		11	10	11
Lead		6.7	4.2	4.6
Nickel		21	18	19
Silver		0.500U	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U
Zinc		32	30	33
Mercury		0.011	N	0.011
Selenium		3.0U	3.0U	3.0U
Field Sample No.: Lab Sample No.:		AOCSL-03-5' 941458-0010	AOCSL-03-15' 941458-0011	AOCSL-04-6" 941458-0012
Sulfate (mg/kg)		10U	10U	10U
Hydrazine (µg/kg)		25U	25U	50U

Table E-3C (Continued)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Metals, Sulfate, and Hydrazine Analyses for Soil Samples
(Results in milligrams per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-04-5' 6-10-94 AOCSL-04-5' 941458-0013	AOCSL-04-20' 6-10-94 AOCSL-04-20' 941458-0015	AOCSL-05-3' 6-10-94 AOCSL-05-3' 941458-0016
Priority Metals	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
Antimony		0.500U	0.500U	0.500U
Arsenic		1.7	1.2	1.6
Beryllium		0.500U	0.500U	0.500U
Cadmium		0.80	0.500U	0.83
Chromium		14	14	12
Copper		14	15	13
Lead		7.3	5.3	5.1
Nickel		17	11	15
Silver		0.500U	0.500U	0.500U
Thallium		0.69	0.500U	0.500U
Zinc		38	38	35
Mercury		0.017	0.023	0.010
Selenium		3.0U	3.0	3.0U
Field Sample No.: Lab Sample No.:		AOCSL-04-5' 941458-0013	AOCSL-04-20' 941458-0015	AOCSL-05-3' 941458-0016
Sulfate (mg/kg)		10U	11	10U
Hydrazine (µg/kg)		50U	50U	50U

Table E-3C (Concluded)
AOC No. 1
261st CCSQ, Sepulveda ANG, Van Nuys, California
Summary of Metals, Sulfate, and Hydrazine Analyses for Soil Samples
(Results in milligrams per kilogram)

Location/QC No: Sample Date: Field Sample No.: Lab Sample No.:		AOCSL-05-3'-dup 6-10-94 AOCSL-05-3'-dup 941458-0017	AOCSL-05-10' 6-10-94 AOCSL-05-10' 941458-0014	AOCSL-05-20' 6-10-94 AOCSL-05-20' 941458-0018
Priority Metals	Matrix Data Package	Soil 941458	Soil 941458	Soil 941458
Antimony		0.500U	0.500U	0.500U
Arsenic		1.4	1.8	2.1
Beryllium		0.500U	0.500U	0.500U
Cadmium		0.97	0.73	0.62
Chromium		14	14	14
Copper		13	13	14
Lead		4.8	4.2	4.7
Nickel		19	17	16
Silver		0.500U	0.500U	0.500U
Thallium		0.500U	0.500U	0.500U
Zinc		37	38	41
Mercury		0.013	0.010U	0.010U
Selenium		3.0U	3.0U	3.0U
Field Sample No.: Lab Sample No.:		AOCSL-05-3'-dup 941458-0017	AOCSL-05-10' 941458-0014	AOCSL-05-20' 941458-0018
Sulfate (mg/kg)		10U	71	10U
Hydrazine (µg/kg)		50U	50U	50U

APPENDIX F
HRS DATA PACKAGE

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PA/SI DATA REQUIREMENTS FOR FEDERAL FACILITY DOCKET SITES

Sepulveda ANG, Van Nuys, California

1. Supply copies of all sampling data, on-site and off-site, including location map, detection limits (see definitions below), raw data sheets, QA/QC documents, date(s) sampled, analytical method(s) used, well or boring logs, and sampling technique(s).

Sampling data including detection limits, raw data sheets, dates sampled, analytical methods used and sampling techniques can be found in Appendix E of the SI Report. QA/QC documents can be found in Appendix D and well or boring logs can be found in Appendix B of the SI Report.

2. Locate and identify on a map all known or suspected sources (see definition below). Supply all information about source(s) such as: dates of operation, use, or spillage; amounts of material deposited, stored, or spilled; dimensions of source(s); known or suspected hazardous substances (see definition below), etc.

The above information can be found in Section 2.0 of the SI Report.

3. Provide a description of all aquifers beneath the site, including description of overlying materials, depth first encountered thickness, and composition.

The above information can be found in Section 3.4.1 of the SI Report.

4. For each source, choose one description from Table 1 that describes the groundwater containment. Provide complete documentation (i.e., engineering diagrams, photographs (originals) as to why the source meets that description and not any other in the Table.

This question does not apply since a groundwater investigation has not been conducted.

5. Provide the location of all drinking water wells in all aquifers beneath the site in 4-mile radius from the site (property boundary) by HRS distance ring and locate the wells within a one-mile radius on a 7.5 minute topographic map. Provide information on depth of well(s), screening interval(s), depth of aquifer(s)

encountered, population served for multiple wells (i.e., municipal system), provide the number of wells, location of all wells (regardless of 4-mile limit), average annual pumpage of each well (regardless of 4-mile limit), and total population served by system. Include information on all standby wells.

There are no water wells within a 1-mile radius from the site. Figure G.1 shows the location of well fields and Figure G.2 shows the location of individual producers. (Source: LADWP)

6. Provide information and location (on 7.5 minute topographic map) of wells within 4 miles that are used to irrigate five or more acres of commercial food or forage crops, or watering of commercial livestock, or ingredient in commercial food preparation, or supply for aquaculture, or supply for a major or designated water recreation area, excluding drinking water use.

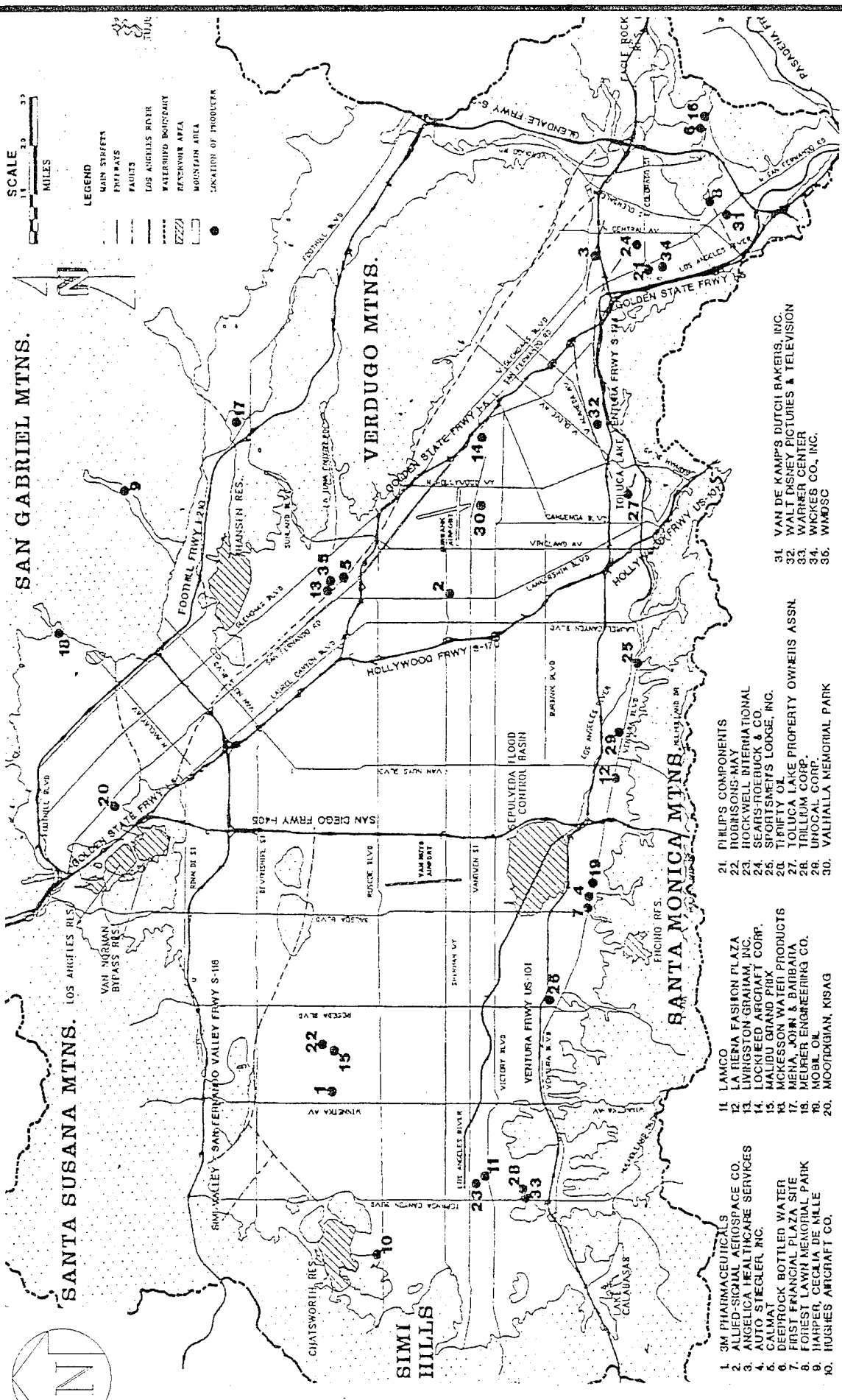
There are no water wells within a 1-mile radius from the site. Figure G.1 shows the location of well fields and Figure G.2 shows the location of individual producers. (Source: LADWP)

7. Provide average number of persons per residence for county (or counties) that site is located in per the U. S. Census Bureau.

The average number of persons per residence for Los Angeles County is 2.40. (Source: State Data Center Program- Berkeley, University of California)

8. Identify and locate all surface water bodies within two miles of the site marking off the drainage routes (shown on 7.5 minute topographic map) from each source to applicable surface water bodies. Provide the average annual cubic feet per second flow for each surface water body within 15 miles downriver or radius from the point of probable entry into surface water. For lakes, provide information on inflow and outflow.

The surface bodies of water are Encino Creek, Bull Creek and the Los Angeles River. Figure G.3 identifies these bodies of water and shows the drainage route from the source. The average annual cubic feet per second flow for The Los Angeles River is approximately 560,000. Flow rates for Encino Creek and Bull Creek were not available. (Source: LA Department of Public Works)



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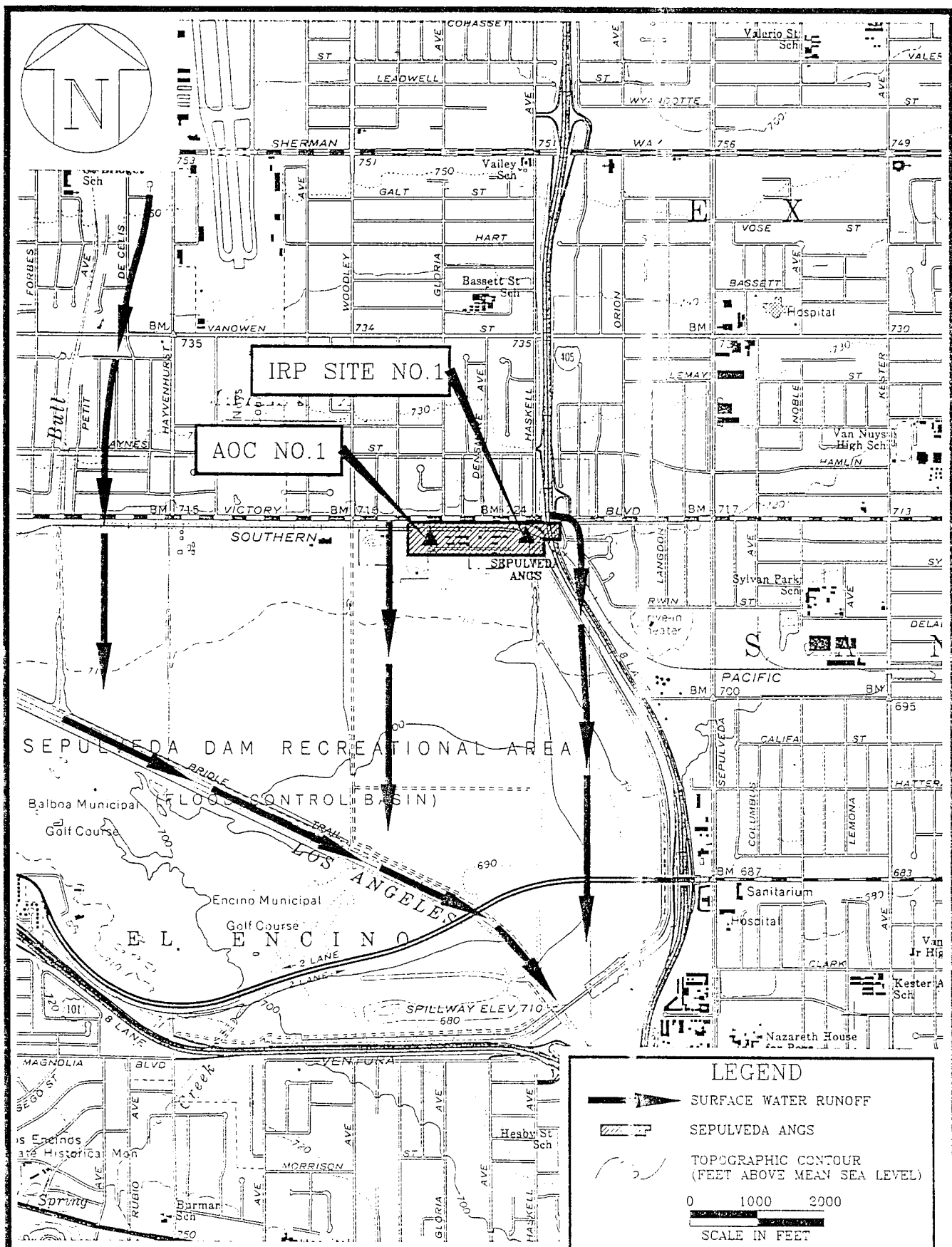
SEPTEMBER 1994

UPPER LOS ANGELES RIVER AREA:
LOCATIONS OF INDIVIDUAL PRODUCERS
1992-93 WATER YEAR, ULARA WATERMASTER REPORT
261st CCSQ, Sepulveda ANGS
Van Nuys, California

DRAFT
FIGURE G.2

SEPULVEDA/LANDSC-2

- | | | | |
|---|--|---|--|
| <ul style="list-style-type: none"> 1. 3M PHARMACEUTICALS 2. ALLIED-SIGNAL AEROSPACE CO. 3. ANGELICA HEALTHCARE SERVICES 4. AUTO STEIGLER, INC. 5. CALMAT 6. DEEPROCK BOTTLED WATER 7. FIRST FRANCHIAL PLAZA SITE 8. FOREST LAWN MEMORIAL PARK 9. HARPER, CECILIA DE MILLE 10. HUGHES AIRCRAFT CO. | <ul style="list-style-type: none"> 11. LAMCO 12. LA RENA FASHION PLAZA 13. LIVINGSTON GRAHAM, INC. 14. LOCKHEED AIRCRAFT CORP. 15. MALIBU GRAND PRIX 16. MCKESSON WATER PRODUCTS 17. MENA, JOHN & BARBARA 18. MEYER ENGINEERING CO. 19. MOBIL OIL 20. MOON/DIGIAN, KISAG | <ul style="list-style-type: none"> 21. PHILIP'S COMPONENTS 22. ROBINSONS-MAY 23. ROCKWELL INTERNATIONAL 24. SEARS-ROEBUCK & CO. 25. SPORTSWEAT'S LODGE, INC. 26. TRIFITY OIL 27. TOLUCA LAKE PROPERTY OWNERS ASSN. 28. TRILLIUM CORP. 29. UNOCAL CORP. 30. VALHALLA MEMORIAL PARK | <ul style="list-style-type: none"> 31. VAN DE KAMP'S DUTCH BAKERS, INC. 32. WALT DISNEY PICTURES & TELEVISION 33. WARNER CENTER 34. WICKES CO., INC. 35. WMOSDC |
|---|--|---|--|



SOURCE: Van Nuys Quad 34118-B4-TT-024, 1968 (photo revised 1972).

DRAFT
FIGURE G.3

SEPULVEDA/SEP1-1ST

AREA SURFACE WATER
RUNOFF MAP
261st CCSQ, Sepulveda ANG
Van Nuys, California

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SEPTEMBER 1984

9. For each source, choose one description from Table 2 that describes the surface water containment. Provide complete documentation (i.e., engineering diagrams, photographs [originals]) as to why the source meets that description and not any other in the Table.

This question does not apply.

10. Provide the number of acres in each drainage basin.

The number of acres in the Los Angeles River drainage basin is approximately 122,808 for the valley floor and 205,700 for the hill and mountain areas. (Source: Los Angeles department of Public Works)

11. From Table 3, choose the predominant soil group (surface soil) which comprises the largest total area within each drainage area.

The best soil description for this site is as follows: Moderately fine-textured soils with low infiltration rates (for example, silty loams)

12. Provide the two year, 24-hour rainfall.

The two year, 24-hour rainfall for this area is 3.0". (Source: Office of Hydrology, Washington, D.C.)

13. From Table 4, choose the floodplain category for each source (supply Federal Emergency Management Agency floodplain map) and determine if each source meets the criteria from Table 5 (engineer's certification).

This area is classified as a Zone C (area of minimal flooding). (Source: Planning and Zoning - Engineering)

14. Provide the location of all drinking water intakes with 15 downstream miles (rivers) or 15-mile radius (lakes, bays, etc.). Provide information on population served. For multiple intakes (i.e., municipal system), provide information on the number of intakes, location of all intakes (regardless of 15-mile limit), and total population served by system. Include information on all standby intakes.

There are no drinking water intakes located 15 downstream miles or 15-mile radius. (Source: Water Quality - Water Power Company)

15. **Provide information and location of intakes within 15 miles downriver (radius in lake or bay) that are used to irrigate five or more acres of commercial food or forage crops, or watering of commercial livestock, or ingredient in commercial food preparation, or supply for aquaculture, or supply for a major or designated water recreation area, excluding drinking water use.**

There are no water intakes located 15 downstream miles or 15-mile radius. (Source: Water Quality - Water Power Company)

16. **Provide any surface water body 15 miles downriver (radius in lakes or bay) used for drinking water.**

There are no bodies of water downriver that are used for drinking purposes. (Source: Water Quality - Water Power Company)

17. **Provide the average human food chain production (pounds per year) for each surface water body 15 miles downriver of 15-mile radius in lake.**

This information is not available. (Source: Water Quality - Water Power Company)

18. **Within a 4-mile radius from the site and 15 miles downriver, or radius in lake, identify all sensitive environments that exists. Provide original documentation (USF&W, Natural Heritage Database, State agencies, NOAA, etc.), multiple sensitive environments within a sensitive environment.**

There are no sensitive environments within a 1-mile radius from the site. (Source: U.S. Department of the Interior Fish & Wildlife)

19. **What is the linear frontage of all wetlands 15 miles downriver or 15-mile radius in lake?**

There are approximately 4 miles of linear frontage downriver from the site. (Source: USGS Wetlands Map)

20. Provide the location and number of persons residing, working, attending school, or day care within 200 feet. This includes both the Air and Army Guard.

The number of persons working within 200 of the site is 20. During Unit Training assembly (UTA) weekends it is 163. (Source: SI Report)

21. Identify all terrestrial sensitive environments that exist on-site. Provide original documentation (USF&W, natural Heritage Database, State Agencies, NOAA, etc.) and locate each on a 7.5 minute topographic map. Note that there could be multiple sensitive environments within a sensitive environment.

There are no terrestrial sensitive environments that exist on-site. (Source: SI Report)

22. For each source, choose one description from Table 8 that describes the accessibility to a human population. Provide complete documentation (i.e., engineering diagrams, photographs [originals]) as to why the source meets that description and not any other in the Table.

The best description for this site is: Physically inaccessible to public, with no evidence of public recreation use.

23. Provide the total number of people in following distance rings from source(s)?

- 0-1/4 mile = 192 persons
- 1/4-1/2 mile = 2,599 persons
- 1/2-1 mile = 14,195 persons
- 1-2 miles = 65,363 persons
- 2-3 miles = 130,626 persons
- 3-4 miles = 167,227 persons

Use 1990 Census data and/or actual house counts. Document how calculated.

Source: 1990 Census (block group level population aggregates)

Prepared by: GEOQUEST Information Technologies, Inc.

24. For each source, choose one description from Table 9 that describes the gaseous containment. Provide complete documentation (i.e., engineering diagrams, photographs [originals]), as to why the source meets that description and not any other in the Table. From Table 10, choose the appropriate description of each source type. For each source, choose one description from Table 11 that describes that particulate containment. Provide complete documentation (i.e., engineering diagrams, photographs [originals]) as to why the source meets the description and not any other in the Table.

Table 9: Uncontaminated soil cover <1 foot

Table 10: None of the above

Table 11: None of the above

25. Provide the location and area (in acres) of all wetlands within 4 miles of the site.

There are approximately 60 acres of wetlands within a 4-mile radius from the site.
(Source: USGS Wetlands Map)

26. Contact EPA Regional Office immediately if any radionuclides are present or suspected at the site and supply all radiological information known to date.

There are no radionuclides present or suspected at the site.

27. For all of the above information, use primary data source and supply two copies or specify where copies may be obtained.

28. Provide any removals or remedial actions taken place at the site.

No removals or remedial actions have taken place at the site.

29. If information relevant to a question already has been provided to the EPA, your answer may precisely cite the previous submittal by title, date, page, and paragraph number rather than resubmitting the information.

DEFINITIONS

Detection Limit (DL)	Lowest amount that can be distinguished from the normal random "noise" of an analytical instrument or method. For this submission, the detection limit used is the method detection limit (MDL), or, for real-time instruments, the detection limit of the instrument as used in the field.
Hazardous Substance	CERCLA hazardous substances, pollutants, and contaminant as defined in CERCLA sections 101(14) and 101(33).
Method Detection Limit (MDL)	Lowest concentration of an analyte that a method can detect reliably in either a sample or blank.
Sample Quantitation Limit (SQL)	Quantity of a substance that can reasonably be quantified given the methods of analysis and sample characteristics that may affect quantification (for example, dilution, concentration).
	Site: Area(s) where a hazardous substance has been deposited, stored, disposed, or placed, or has otherwise come to be located. Such areas may include multiple sources and may include areas between sources.
	Source: Any area where a hazardous substance has been deposited, stored, disposed, or placed, plus those soils that have become contaminated from migration of a hazardous substance. Sources do not include those volumes of air, groundwater, surface water, or surface water sediments that have become contaminated by migration, except: in the case of either a groundwater plume with no identified source, or contaminated surface water sediments with no identified source, the plume may be considered a source.

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Table 1

All Sources (Except Surface Impoundments, Land Treatment, Containers, and Tanks)

Evidence of hazardous substance migration from source area (i.e., source area includes source and any associated containment structures).

No liner.

No evidence of hazardous substance migration from source area, a liner, and:

- (a) None of the following present: (1) maintained engineered cover, (2) functioning and maintained run-on control system and runoff management system, or (3) functioning leachate collection and removal system immediately above liner.
- (b) Any one of the three items in (a) present.
- (c) Any two of the items in (a) present.
- (d) All three items in (a) present plus a functioning groundwater monitoring system.
- (e) All items in (d) present plus no bulk or non-containerized liquids nor materials containing free liquids deposited in source area.

No evidence of hazardous substance migration from source area, double liner with functioning leachate collection and removal system above and between liners, functioning groundwater monitoring system, and:

- (f) Only one of the following deficiencies present in containment: (1) bulk or noncontainerized liquids or materials containing free liquids deposited in source area, or (2) no or nonfunctioning or nonmaintained run-on control system and runoff management system, or (3) no or nonmaintained engineered cover.
- (g) None of the deficiencies in (f) present.

Source area inside or under maintained intact structure that provides protection from precipitation so that neither runoff nor leachate is generated, liquid or materials containing free liquids not deposited in source area, and functioning and maintained run-on control present.

Surface Impoundment

Evidence of hazardous substance migration from surface impoundment.

No liner.

Free liquids present with either no diking, unsound diking, or diking that is not regularly inspected and maintained.

No evidence of hazardous substance migration from surface impoundment, free liquids present, sound diking that is regularly inspected and maintained, adequate freeboard, and:

- (a) Liner.

- (b) Liner with functioning leachate collection and removal system below liner, and functioning groundwater monitoring system.
- (c) Double liner with functioning leachate collection and removal system between liners, and functioning groundwater monitoring system.

No evidence of hazardous substance migration from surface impoundment and all free liquids eliminated at closure (either by removal of liquids or solidification of remaining wastes and waste residues).

Land Treatment

Evidence of hazardous substance migration from land treatment zone.

No functioning, maintained, run-on control and runoff management system.

No evidence of hazardous substance migration from land treatment zone and:

- (a) Functioning and maintained run-on control and runoff management system.
- (b) Functioning and maintained run-on control and runoff management system, and vegetative cover established over entire land treatment area.
- (c) Land treatment area maintained in compliance with 40 CFR 264.280.

Containers

All containers buried.

Evidence of hazardous substance migration from container area (i.e., container area includes containers and any associated containment structures).

No liner (or no essentially impervious base) under container area.

No diking (or no similar structure) surrounding container area.

Diking surrounding container area unsound or not regularly inspected and maintained.

No evidence of hazardous substance migration from container area, container area surrounded by sound diking that is regularly inspected and maintained, and:

- (a) Liner (or essentially impervious base) under container area.
- (b) Essentially impervious base under container area with liquids collection and removal system.
- (c) Containment system includes essentially impervious base, liquids collection system, sufficient contain 10 percent of volume of all containers, and functioning and maintained run-on control; plus functioning groundwater monitoring system, and spilled or leaked hazardous substances and accumulated precipitation removed

in timely manner to prevent overflow of collection system, at least weekly inspection of containers, hazardous substances in leaking or deteriorating containers transferred to containers in good condition, and containers sealed except when waste is added or removed.

- (d) Free liquids present containment system has sufficient capacity to hold total volume of all containers and to provide adequate freeboard, single liner under container area with functioning leachate collection and removal system below liner, and functioning groundwater monitoring system.
- (e) Same as (d) except: double liner under container area with functioning leachate collection and removal system between liners.

Containers inside or under maintained intact structure that provides protection from precipitation so that neither runoff nor leachate would be generated from any unsealed or ruptured containers, liquids or materials containing free liquids not deposited in any container, and functioning and maintained runoff control present.

No evidence of hazardous substance migration from container area, containers leaking, and all free liquids eliminated at closure (either by removal of liquid or solidification of remaining wastes and waste residues).

Tank

Belowground tank.

Evidence of hazardous substance migration from tank area (i.e., tank area includes tank, ancillary equipment such as piping, and any associated containment structures).

Tank and ancillary equipment not provided with secondary containment, (e.g., liner under tank area, vault system, double wall).

No diking (or no similar structure) surrounding tank and ancillary equipment

Diking surrounding tank and ancillary equipment unsound or not regularly inspected and maintained.

No evidence of hazardous substance migration from tank area, tank and ancillary equipment surrounded by sound diking that is regularly inspected and maintained, and:

- (a) Tank and ancillary equipment provided with secondary containment.
- (b) Tank and ancillary equipment provided with secondary containment with leak detection and collection system.
- (c) Tank and ancillary equipment provided with secondary containment system that detects and collects spilled or leaked hazardous substances and accumulated precipitation and has sufficient capacity to contain 110 percent of volume of

- largest tank within containment area, spilled or leaked hazardous substances and accumulated precipitation removed in timely manner, at least weekly inspection of tank and secondary containment system, all leaking or unfit-for-use tank systems promptly responded to, and functioning groundwater monitoring system.
- (d) Containment system has sufficient capacity to hold volume of all tanks within tank containment area and to provide adequate freeboard, single liner under that containment area with functioning leachate collection and removal system below liner, and functioning groundwater monitoring system.
 - (e) Same as (d) except double liner under tank containment area with functioning leachate collection and removal system between liners.

Tank is aboveground, and inside or under maintained intact structure that provides protection from precipitation so that neither runoff nor leachate would be generated from any material released from tank, liquids or materials containing free liquids not deposited in any tank, and functioning and maintained run-on control present.

Table 2

All Sources (Except Surface Impoundments, Land Treatment, Containers, and Tanks)

Evidence of hazardous substance migration from source area (i.e., source area includes source and any associated containment structures).

No evidence of hazardous substance migration from source areas and:

- (a) Neither of the following present: (1) maintained engineered cover, or (2) functioning and maintained run-on control system and runoff management system.
- (b) Any one of the two items in (a) present.
- (c) Any two of the following present: (1) maintained engineered cover, or (2) functioning and maintained run-on control system and runoff management system, or (3) liner with functioning leachate collection and removal system immediately above liner.
- (d) All items in (c) present.
- (e) All items in (c) present, plus no bulk or non-containerized liquids nor materials containing free liquids deposited in source area.

No evidence of hazardous substance migration from source area, double liner with functioning leachate collection and removal system above and between liners, and:

- (f) Only one of the following deficiencies present in containment: (1) bulk or noncontainerized liquids or materials containing free liquids deposited in source

area, or (2) no or nonfunctioning or nonmaintained run-on control system and runoff management system, or (3) no or nonmaintained engineered cover.

(g) None of the deficiencies in (f) present.

Source area inside or under maintained intact structure that provides protection from precipitation so that neither runoff nor leachate is generated, liquids or materials containing free liquids not deposited in source area, and functioning and maintained run-on control present.

Surface Impoundment

Evidence of hazardous substance migration from surface impoundment.

Free liquids present with either no diking, unsound diking, or diking that is not regularly inspected and maintained.

No evidence of hazardous substance migration from surface impoundment, free liquids present, sound diking that is regularly inspected and maintained, adequate freeboard, and:

- (a) No liner.
- (b) Liner.
- (c) Liner with functioning leachate collection and removal system below liner.
- (d) Double liner with functioning leachate collection and removal system between liners.

No evidence of hazardous substance migration from surface impoundment and all free liquids eliminated at closure (either by removal of liquids or solidification of remaining wastes and waste residues).

Land Treatment

Evidence of hazardous substance migration from land treatment zone.

No functioning and maintained run-on control and runoff management system.

No evidence of hazardous substance migration from land treatment zone and:

- (a) Functioning and maintained and maintained run-on control and runoff management system.
- (b) Functioning and maintained run-on control and runoff management system, and vegetative cover established over entire land treatment area.
- (c) Land treatment area maintained in compliance with 40 CFR 264.280.

Containers

All containers buried.

Evidence of hazardous substance migration from container area (i.e., container area includes containers and any associated containment structures).

No diking (or no similar structure) surrounding container area.

Diking surrounding container area unsound or not regularly inspected and maintained.

No evidence of hazardous substance migration from container area and container area surrounded by sound diking that is regularly inspected and maintained.

No evidence of hazardous substance migration from container area, container area surrounded by sound diking that is regularly inspected and maintained, and:

- (a) Essentially impervious base under container area with liquids collection and removal system.
- (b) Containment system includes essentially impervious base, liquids collection system, sufficient capacity to contain 10 percent of volume of all containers, and functioning and maintained run-on control; and spilled or leaked hazardous substances and accumulated precipitation removed in timely manner to prevent overflow of collection system, at least weekly inspection of containers, hazardous substances in leaking or deteriorating containers transferred to containers in good condition, and containers sealed except when waste is added or removed.
- (c) Free liquids present containment system has sufficient capacity to hold total volume of all containers and to provide adequate freeboard, and single liner under container area with functioning leachate collection and removal system below liner.
- (d) Same as (c) except: double liner under container area with functioning leachate collection and removal system between liners. Containers inside or under maintained intact structure that provides protection from precipitation so that neither runoff nor leachate would be generated from any unsealed or ruptured containers, liquids or materials containing free liquids not deposited in any container, and functioning and maintained run-on control present.

No evidence of hazardous substance migration from container area, containers leaking, and all free liquids eliminated at closure (either by removal of liquids or solidification of remaining wastes and waste residues).

Tank

Belowground tank.

Evidence of hazardous substance migration from tank area (i.e., tank area includes tank, ancillary equipment such as piping, and any associated containment structures).

No diking (or no similar structure) surrounding tank and ancillary equipment.

Diking surrounding tank and ancillary equipment unsound or not regularly inspected and maintained.

No evidence of hazardous substance migration from tank area and tank and ancillary equipment surrounded by sound diking that is regularly inspected and maintained.

No evidence of hazardous substance migration from tank area, tank and ancillary equipment surrounded by sound diking that is regularly inspected and maintained, and:

- (a) Tank and ancillary equipment provided with secondary containment (e.g., liner under tank area, vault system, double wall) with leak detection and collection system.
- (b) Tank and ancillary equipment provided with secondary containment system that detects and collects spiked or leaked hazardous substances and accumulated precipitation and has sufficient capacity to contain 110 percent of volume of largest tank within containment area, spilled or leaked hazardous substances and accumulated precipitation removed in a timely manner, at least weekly inspection of tank and secondary containment system, and all leaking or unfit-for-use tank systems promptly responded to.
- (c) Containment system has sufficient capacity to hold total volume of all tanks within the tank containment area and to provide adequate freeboard, and single liner under tank containment area with functioning leachate collection and removal system below liner.
- (d) Same as (c) except double liner under tank containment area with functioning leachate collection and removal system between liners.

Tank is aboveground, and inside or under maintained intact structure that provides protection from precipitation so that neither runoff nor leachate would be generated from any material released from tank, liquids or materials containing free liquids not deposited in any tank, and functioning and maintained run-on control present.

Table 3
Surface Soil Description

Coarse-textured soils with high infiltration rates (for example, sands, loamy sands).
Medium-textured soils with moderate infiltration rates (for example, sandy loams, loams).
Moderately fine-textured soils with low infiltration rates (for example, silty loams, silts, sandy clay loams).
Fine-textured soils with very low infiltration rates (for example, clays, sandy clays, silty clay loams, clay loams, silty clays); or impermeable surfaces (for example, pavement).

Table 4
Floodplain Categories

Source floods annually.
Source in 10-year floodplain.
Source in 100-year floodplain.
Source in 500-year floodplain.
None of the above.

Table 5
Flood Containment

Documentation that containment at the source is designed, constructed, operated, and maintained to prevent a washout of hazardous substances by the flood being evaluated (see floodplain category).

Table 6
Sensitive Environments

Critical habitat^a for Federal designated endangered or threatened species.
Marine Sanctuary.
National Park.
Designated Federal Wilderness Area.
Areas identified under Coastal Zone Management Act^b.

Sensitive areas identified under National Estuary Program^c or Near Coastal Waters Program^d.

Critical areas identified under the Clean Lakes Program^e.

National Monument^f.

National Seashore Recreational Area.

National Lakeshore Recreational Area.

Habitat known to be used by Federal designated or proposed endangered or threatened species.

National Preserve.

National or State Wildlife Refuge.

Unit of Coastal Barrier Resources System.

Coastal Barrier (undeveloped).

Federal land designated for protection of natural ecosystems.

Administratively Proposed Federal Wilderness Area.

Spawning areas critical^g for the maintenance of fish/shellfish species within river, lake, or coastal tidal waters.

Migratory pathways and feeding areas critical for maintenance of anadromous fish species within river reaches or areas in lakes or coastal tidal waters in which the fish spend extended periods of time.

Terrestrial areas utilized for breeding by large or dense aggregations of animals^h.

National river reach designated as Recreational.

Habitat known to be used by State designated endangered or threatened species.

Habitat known to be used by species under review as to its Federal endangered or threatened status.

Coastal Barrier (partially developed).

Federal designated Scenic or Wild River.

State land designated for wildlife or game management.

State designated Scenic or Wild River.

State designated Natural Areas.

Particular areas, relatively small in size, important to maintenance of unique biotic communities.

State designated areas for protection or maintenance of aquatic lifeⁱ.

^aCritical habitat as defined in 50 CFR 424.02.

^bAreas identified in State Coastal Zone Management plans as requiring protection because of ecological value.

^cNational Estuary Program study areas (Subareas within subareas) identified in Comprehensive Conservation and Management Plans as requiring protection because they support critical life stages of key estuarine species (Section 320 of Clean Water Act, as amended).

^dNear Coastal Waters as defined in Sections 104(b)(3), 304(1), 319, and 320 of Clean Water Act, as amended.

^eClean Lakes Program critical areas (subareas within lakes, or in some cases entire small lakes) identified by State Clean Lake Plans as critical habitats (Section 314 of Clean Water Act, as amended).

^fUse only for air migration pathway.

^gLimit to areas described as being used for intense or concentrated spawning by a given species.

^bFor the air migration pathway, limit to terrestrial vertebrate species. For the surface water migration pathway, limit to terrestrial vertebrate species aquatic or semiaquatic foraging habits.

^cAreas designated under Section 305(a) of Clean Water Act, as amended.

Table 7
Terrestrial Sensitive Environments

Terrestrial critical habitat^a for Federal designated endangered or threatened species.

National Park.

Designated Federal Wilderness Area.

National Monument.

Terrestrial habitat known to be used by Federal designated or proposed threatened or endangered species.

National Preserve (terrestrial).

National or State Terrestrial Wildlife Refuge.

Federal land designated for protection of natural ecosystems.

Administratively proposed Federal Wilderness Area.

Terrestrial areas utilized for breeding by large or dense aggregations of animals^b.

Terrestrial habitat known to be used by State designated endangered or threatened species.

Terrestrial habitat known to be used by species under review as to its Federal designated endangered or threatened status.

State lands designated for wildlife or game management.

State designated Natural Areas.

Particular area, relatively small in size, important to maintenance of unique biotic communities.

^aCritical habitat as defined in 50 CFR 42.

^bLimit to vertebrate species.

Table 8
Area of Observed Contamination

Designated recreational area.

Regularly used for public recreation (for example, fishing, hiking, softball).

Accessible and unique recreational area (for example, vacant lots in urban area).

Moderately accessible (may have some access improvements – for example, gravel road), with some public recreation use.

Slightly accessible (for example, extremely rural area with no road improvement), with some public recreation use.

Accessible, with no public recreation use.

Surrounded by maintained fence or combination of maintained fence and natural barriers.

Physically inaccessible to public, with no evidence of public recreation use.

Table 9
Gas Containment Description

All situations except those specifically listed below.

Evidence of biogas release.

Active fire within source.

Gas collection/treatment system functioning, regularly inspected, maintained, and completely covering source.

Source substantially surrounded by engineering windbreak and no other containment specifically described in this table applies.

Source covered with essentially impermeable, regularly inspected, maintained cover.

Uncontaminated soil cover > 3 feet:

Source substantially vegetated with little exposed soil.

Source lightly vegetated with much exposed soil.

Source substantially devoid of vegetation.

Uncontaminated soil cover ≥ 1 foot and ≤ 3 feet:

Source heavily vegetated with essentially no exposed soil.

Cover soil resistant to gas migration^a.

Cover soil type not resistant to gas migration^a or unknown.

Source substantially vegetated with little exposed soil and cover soil type resistant to gas migration^a.

Other.

Uncontaminated soil cover < 1 foot:

Source heavily vegetated with essentially no exposed soil and cover soil type resistant to gas migration^a.

Other.

Totally or partially enclosed within structurally intact building and no other containment specifically described in this table applies.

Source consists solely of intact, sealed containers:

Totally protected from weather by regularly inspected, maintained cover.
Other.

*Consider moist fine-grained and saturated coarse-grained soils resistant to gas migration; consider all other soils nonresistant.

Table 10
Source Type

Active fire area.

Burn pit.

Containers or tanks (buried/belowground):

Evidence of biogas release.

No evidence of biogas release.

Containers or tanks, not elsewhere specified.

Contaminated soil (excluding land treatment).

Landfarm/land treatment.

Landfill:

Evidence of biogas release.

No evidence of biogas release.

Pile:

Tailings pile.

Scrap metal or junk pile.

Trash pile.

Chemical waste pile.

Other waste piles.

Surface impoundments (buried/backfilled):

Evidence of biogas release.

No evidence of biogas release.

Surface impoundment (not buried/backfilled):

Dry.

Other.

Other types of sources, not elsewhere specified.

Table 11
Particulate Containment Description

All situations except those specifically listed below.

Source contains only particulate hazardous substances totally covered by liquids.

Source substantially surrounded by engineered windbreak and no other containment specifically described in this table applies.

Source covered with essentially impermeable, regularly inspected, maintained cover.

Uncontaminated soil cover > 3 feet:

Source substantially vegetated with little or no exposed soil.

Source lightly vegetated with much exposed soil.

Source substantially devoid of vegetation.

Uncontaminated soil cover ≥ 1 foot and ≤ 3 feet:

Source heavily vegetated with essentially no exposed soil:

Cover soil type resistant to gas migration^a.

Cover soil type not resistant to gas migration^a.

Source substantially vegetated with little exposed soil and cover soil type resistant to gas migration^a.

Other.

Uncontaminated soil cover < 1 foot:

Source heavily vegetated with essentially no exposed soil and cover soil type resistant to gas migration^a.

Other.

Totally or partially enclosed within structurally intact building and no other containment specifically described in this table applies.

Source consists solely of containers:

All containers contain only liquids.

All containers intact, sealed, and totally protected from weather by regularly inspected, maintained cover.

All containers intact and sealed.

Other.

^aConsider moist fine-grained and saturated coarse-grained soils resistant to gas migration; consider all other soils nonresistant.

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APPENDIX G
CHAIN OF CUSTODY

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CORE LABORATORIES

No. 10648

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION				PROJECT INFORMATION				ANALYSIS / METHOD REQUEST				REMARKS / PRECAUTIONS			
COMPANY: Op Tech				PROJECT NAME/NUMBER:				LAB JOB NO. 941448							
SEND REPORT TO: John Morris				BILL TO:											
ADDRESS: 4100 NW Loop 410				ADDRESS:											
San Antonio TX				PHONE:											
PHONE: 1-210-731-0000				FAX:											
FAX: 1-210-731-0008				PO NO.:											
SAMPLE NO.	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	NUMBER OF CONTAINERS								
1	SB 7 6"	9 June	0800	S	SS-2	NO	3	✓	✓	✓	✓	✓	✓	✓	✓
2	SB 7 20'	9 June	0900	S	SS-2	NO	2	✓	✓	✓	✓	✓	✓	✓	✓
3	SB 8 6"	9 June	0915	S	SS-2	NO	2	✓	✓	✓	✓	✓	✓	✓	✓
4	SB 8 20'	9 June	0945	S	SS-2	NO	2	✓	✓	✓	✓	✓	✓	✓	✓
5	SB 9 6"	9 June	10:15	S	SS-2	NO	2	✓	✓	✓	✓	✓	✓	✓	✓
6	SB 9 20'	9 June	12:30	S	SS-2	NO	2	✓	✓	✓	✓	✓	✓	✓	✓
7	SB 9 5'	9 June	10:20	S	SS-2	NO	2	✓	✓	✓	✓	✓	✓	✓	✓
8	SB 10 6"	9 June	1400	S	SS-2	NO	2	✓	✓	✓	✓	✓	✓	✓	✓
9	SB 10 20'	9 June	14:30	S	SS-2	NO	2	✓	✓	✓	✓	✓	✓	✓	✓
10	SB 5 6" Dup	9 June	14:50	S	SS-2	NO	2	✓	✓	✓	✓	✓	✓	✓	✓

SHIPMENT METHOD: **See Contract**

REQUIRED TURNAROUND: ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

RELINQUISHED BY: **John Morris** DATE: **6/9/94** TIME: **5:30pm** SIGNATURE: **John Morris**

PRINTED NAME/COMPANY: **Op Tech**

RECEIVED BY: **John Morris** DATE: **6/9/94** TIME: **5:30pm** SIGNATURE: **John Morris**

PRINTED NAME/COMPANY: **Op Tech**

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

- ☐ Anaheim, California
1250 E. Gene Autry Way
Anaheim, California 92805
(714) 937-1094
(800) 404-2673
- ☐ Long Beach, California
3700 Cherry Avenue
Long Beach, California 90807
(310) 595-8401
(800) 814-3433
- ☐ Denver (Aurora), Colorado
10703 E. Bethany Drive
Aurora, Colorado 80014
(303) 751-1780
(800) 972-2673
- ☐ Casper, Wyoming
420 West 1st Street
Casper, Wyoming 82501
(307) 235-5741
(800) 666-0603
- ☐ Houston, Texas
8210 Mosely Road
Houston, Texas 77075
(713) 943-9776
(800) 734-2673
- ☐ Corpus Christi, Texas
1733 North Padre Island Drive
Corpus Christi, Texas 78408
(512) 289-2673
(800) 548-8228
- ☐ Lake Charles, Louisiana
3645 Bogie Parkway
Sulphur, Louisiana 70663
(318) 583-4926
(800) 259-4926

CUSTOMER INFORMATION				PROJECT INFORMATION				ANALYSIS / METHOD REQUEST				LAB JOB NO.					
COMPANY: <i>City of Los Angeles</i>				PROJECT NAME/NUMBER:				PROJECT NAME/NUMBER: BILL TO: ADDRESS: PHONE: FAX:				REMARKS / PRECAUTIONS					
SEND REPORT TO:				BILLING INFORMATION													
ADDRESS:																	
PHONE:																	
FAX:				PO NO.:													
SAMPLE NO.		SAMPLE ID		SAMPLE DATE		SAMPLE TIME		SAMPLE MATRIX		CONTAINER TYPE		PRES.		NUMBER OF CONTAINERS			
		<i>100-60 6"</i>		<i>8/20/00</i>		<i>11:45</i>		<i>100-60 6"</i>		<i>100-60 6"</i>		<i>100-60 6"</i>					
		<i>100-60 80'</i>		<i>8/20/00</i>		<i>11:45</i>		<i>100-60 80'</i>		<i>100-60 80'</i>		<i>100-60 80'</i>					
		<i>100-60 41</i>		<i>8/20/00</i>		<i>11:45</i>		<i>100-60 41</i>		<i>100-60 41</i>		<i>100-60 41</i>					
SAMPLER:				SHIPMENT METHOD:				AIRBILL NO.:									
REQUIRED TURNAROUND: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 10 DAYS <input type="checkbox"/> ROUTINE <input type="checkbox"/> OTHER																	
1. RELINQUISHED BY: SIGNATURE: <i>[Signature]</i>				2. RELINQUISHED BY: SIGNATURE: <i>[Signature]</i>				3. RELINQUISHED BY: SIGNATURE: <i>[Signature]</i>									
DATE: <i>8/20/00</i>				DATE: <i>8/20/00</i>				DATE: <i>8/20/00</i>									
PRINTED NAME/COMPANY: <i>City of Los Angeles</i>				PRINTED NAME/COMPANY: <i>City of Los Angeles</i>				PRINTED NAME/COMPANY: <i>City of Los Angeles</i>									
1. RECEIVED BY: SIGNATURE: <i>[Signature]</i>				2. RECEIVED BY: SIGNATURE: <i>[Signature]</i>				3. RECEIVED BY: SIGNATURE: <i>[Signature]</i>									
DATE: <i>8/20/00</i>				DATE: <i>8/20/00</i>				DATE: <i>8/20/00</i>									
PRINTED NAME/COMPANY: <i>City of Los Angeles</i>				PRINTED NAME/COMPANY: <i>City of Los Angeles</i>				PRINTED NAME/COMPANY: <i>City of Los Angeles</i>									

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

Anaheim, California
P-1250 E. Gene Autry Way
Anaheim, California 92805
(714) 937-1094
(800) 404-2673

Long Beach, California
3700 Cherry Avenue
Long Beach, California 90807
(310) 595-8401
(800) 814-3433

Denver (Aurora), Colorado
10703 E. Bethany Drive
Aurora, Colorado 80014
(303) 751-1780
(800) 972-2673

Casper, Wyoming
420 West 1st Street
Casper, Wyoming 82601
(307) 235-5741
(800) 666-0603

☐ Houston, Texas
8210 Mosely Road
Houston, Texas 77075
(713) 943-9776
(900) 224-2672

Corpus Christi, Texas
1733 North Padre Island Drive
Corpus Christi, Texas 78408
(512) 289-2673

Lake Charles, Louisiana
3645 Regis Parkway
Sulphur, Louisiana 70663
(318) 583-4926



CORE LABORATORIES

No. 10651

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION				PROJECT INFORMATION					
COMPANY: Optech				PROJECT NAME/NUMBER:					
SEND RECORD TO: John Morris				BILLING INFORMATION					
ADDRESS: 4100 Hwy Loop 410				BILL TO:					
San Antonio, TX				ADDRESS:					
PHONE: 1-210-731-0000				PHONE:					
FAX: 1-210-731-0008				FAX:					
PO NO.:				PO NO.:					
SAMPLE NO.	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	NUMBER OF CONTAINERS	ANALYSIS / METHOD REQUEST	REMARKS / PRECAUTIONS
11	SB 5 2'	9 June 14:50		S	SS-2	No	2	8240	
12	SB 5 4'	9 June 15:00		S	SS-2	No	2	8270	
13, 14, 15	SB 4 4'	9 June 15:20		S	SS-2	No	2	8270	
16	Trip	9 June		W	6	Yes	1		115/1275A

LAB JOB NO. **941448**

20f3

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND: * ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER **See Contract**

1. RELINQUISHED BY: **John Morris**

DATE: **6/10/94**

TIME: **5:30**

PRINTED NAME/COMPANY: **Optech**

2. RECEIVED BY: **John Morris**

DATE: **6/10/94**

TIME: **5:30**

PRINTED NAME/COMPANY: **Optech**

3. RELINQUISHED BY: **John Morris**

DATE: **6/10/94**

TIME: **5:30**

PRINTED NAME/COMPANY: **Optech**

3. RECEIVED BY: **John Morris**

DATE: **6/10/94**

TIME: **5:30**

PRINTED NAME/COMPANY: **Optech**

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

☒ Anaheim, California
7250 E. Gene Autry Way
Anaheim, California 92805
(714) 937-1094
(800) 404-2673

☐ Long Beach, California
3700 Cherry Avenue
Long Beach, California 90807
(310) 595-8401
(800) 814-3433

☐ Denver (Aurora), Colorado
10703 E. Bethany Drive
Aurora, Colorado 80014
(303) 751-1780
(800) 972-2673

☐ Casper, Wyoming
420 West 1st Street
Casper, Wyoming 82601
(307) 235-5741
(800) 666-0603

☐ Houston, Texas
8210 Mossy Road
Houston, Texas 77075
(713) 943-9776
(800) 734-2673

☐ Corpus Christi, Texas
1733 North Padre Island Drive
Corpus Christi, Texas 78408
(512) 289-2673
(800) 548-8228

☐ Lake Charles, Louisiana
3645 Begis Parkway
Sulphur, Louisiana 70663
(318) 583-4976
(800) 259-1926

G - 4



CORE LABORATORIES

CHAIN OF CUSTODY RECORD

[illegible]

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

- | | | | | | | | | | | | | | |
|-------------------------------------|---|--------------------------|--|--------------------------|---|--------------------------|---|--------------------------|--|--------------------------|---|--------------------------|--|
| <input checked="" type="checkbox"/> | Anahsim, California
250 E. Gene Autry Way
Anaheim, California 92805
(714) 937-1094
(800) 404-2673 | <input type="checkbox"/> | Long Beach, California
3700 Cherry Avenue
Long Beach, California 90807
(310) 595-8401
(800) 814-3433 | <input type="checkbox"/> | Denver (Aurora), Colorado
10703 E. Bethany Drive
Aurora, Colorado 80014
(303) 751-1780
(800) 972-2673 | <input type="checkbox"/> | Casper, Wyoming
420 West 1st Street
Casper, Wyoming 82601
(303) 235-5741
(800) 666-0003 | <input type="checkbox"/> | Houston, Texas
8210 Mosely Road
Houston, Texas 77075
(713) 943-9776
(800) 734-2673 | <input type="checkbox"/> | Corpus Christi, Texas
1733 North Padre Island Drive
Corpus Christi, Texas 78408
(512) 285-2673
(800) 548-8228 | <input type="checkbox"/> | Lake Charles, Louisiana
3645 Benlis Parkway
Sulphur, Louisiana 70665
(318) 583-4926
(800) 259-4926 |
|-------------------------------------|---|--------------------------|--|--------------------------|---|--------------------------|---|--------------------------|--|--------------------------|---|--------------------------|--|



CORE LABORATORIES

CHAIN OF CUSTODY RECORD

No. 10654

CUSTOMER INFORMATION						PROJECT INFORMATION					
COMPANY: <i>Op Tech</i>						PROJECT NAME/NUMBER:					
SEND REQUEST TO: <i>Johan Morris</i>						BILLING INFORMATION					
ADDRESS: 4100 NW Loop 410 San Antonio, TX						BILL TO:					
						ADDRESS:					
PHONE: 1-210-731-0000						PHONE:					
FAX: 1-210-731-0000						FAX:					
PO NO.:						LAB JOB NO. <i>941458</i>					
SAMPLE NO.	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	ANALYSIS / METHOD REQUEST	NUMBER OF CONTAINERS	REMARKS / PRECAUTIONS		
01	AOCSE-01 6"	10 June	14:15	S	SS-1	NB	✓	1			
02	AOCSE-01 4'	10 June	14:30	S	SS-2	NB	✓	2			
03	AOCSE-01 10'	10 June	15:15	S	SS-2	NB	✓	2			
04	AOCSE-01 20'	10 June	15:35	S	SS-2	NB	✓	2			
05	AOCSE-01 4' Deep	10 June	14:30	S	SS-2	NB	✓	2			
06	AOCSE-02 2" I	10 June	13:30	S	SS-1	NB	✓	1	Deep		
07	AOCSE-02 5'	10 June	13:35	S	SS-2	NB	✓	2			
08	AOCSE-02 15'	10 June	14:00	S	SS-2	NB	✓	2			
09	AOCSE-03 6"	10 June	11:45	S	SS-2	NB	✓	2			
10	AOCSE-03 5'	10 June	12:00	S	SS-2	NB	✓	2			

REQUIRED TURNAROUND*

☐ SAME DAY

☐ 24 HOURS

☒ 48 HOURS

☐ 72 HOURS

☐ 5 DAYS

☐ 10 DAYS

Routine

SHIPMENT METHOD:

AIRBILL NO.:

1. RELINQUISHED BY:

SIGNATURE: *[Signature]*

DATE: *10 June*

PRINTED NAME/COMPANY:

Johan Morris

2. RECEIVED BY:

SIGNATURE: *[Signature]*

DATE: *6/10*

PRINTED NAME/COMPANY:

Op Tech

3. RELINQUISHED BY:

SIGNATURE:

DATE: *6/11/94*

PRINTED NAME/COMPANY:

See Contract

3. RECEIVED BY:

SIGNATURE:

DATE: *6/11/94*

PRINTED NAME/COMPANY:

See Contract

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

☐ **Anaheim, California**
1250 E. Gene Autry
Anaheim, California
(714) 937-1094
(800) 404-2673

Long Beach, California
3700 Cherry Avenue
Long Beach, California 90807
(310) 595-8401
(800) 814-3433

☐ **Denver (Aurora), Colorado**
10703 E. Bethany Drive
Aurora, Colorado 80014
(303) 751-1780
(800) 472-2672

☐ Casper, Wyoming
420 West 1st Street
Casper, Wyoming 82601
(307) 235-5741
(800) 686-0002

Houston, Texas
8210 Mosely Road
Houston, Texas 77075
(713) 943-9776

☐ **Corpus Christi, Texas**
1733 North Padre Island Drive
Corpus Christi, Texas 78408
(512) 289-2673

Lake Charles, Louisiana
3645 Beglis Parkway
Sulphur, Louisiana 70663
(318) 583-4926



CORE LABORATORIES

CHAIN OF CUSTODY RECORD

No. 10650

CUSTOMER INFORMATION				PROJECT INFORMATION				ANALYSIS / METHOD				REMARKS / PRECAUTIONS			
COMPANY: <i>Op Tech</i>				PROJECT NAME/NUMBER:				LAB JOB NO. <i>94158</i>							
SEND REPORT TO: <i>Johanna Morris</i>				BILLING INFORMATION											
ADDRESS: <i>4100 NW Loop 410</i>				BILL TO:											
				ADDRESS:											
PHONE: <i>1-210-731-0000</i>				PHONE:											
FAX: <i>1-210-731-0008</i>				FAX:											
PO NO.:				PRES.											
SAMPLE NO.	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	CONTAINER NO.	ANALYSIS / METHOD	REMARKS / PRECAUTIONS	ANALYSIS / METHOD	REMARKS / PRECAUTIONS	ANALYSIS / METHOD	REMARKS / PRECAUTIONS			
1	APCSL-03 15'	10 Jan	12:30	S	SS-2	NO	Y-240		Y-240		Y-240				
2	APCSL-04 6"	10 Jan	10:20	S	SS-2	NO	8770		8770		8770				
3	APCSL-04 5'	10 Jan	10:50	S	SS-2	NO	8770		8770		8770				
4	APCSL-04 10'	10 Jan	16:15	S	SS-2	NO	8770		8770		8770				
5	APCSL-04 20'	10 Jan	11:30	S	SS-2	NO	8770		8770		8770				
6	APCSL-05 3'	10 Jan	15:45	S	SS-2	NO	8770		8770		8770				
7	APCSL-05 3' Dup	10 Jan	15:45	S	SS-2	NO	8770		8770		8770				
8	APCSL-05 20'	10 Jan	16:38	S	SS-2	NO	8770		8770		8770				
9	BGL-501-17 6"	10 Jan	08:30	S	SS-2	NO	8770		8770		8770				
10	BGL-501-11 5'	10 Jan	08:45	S	SS-2	NO	8770		8770		8770				

SHIPMENT METHOD: ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS

REQUIRED TURNAROUND: ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS

1. RELINQUISHED BY: *[Signature]* DATE: *10 Jan* TIME: *12:30*

2. RELINQUISHED BY: *[Signature]* DATE: *10 Jan* TIME: *12:30*

PRINTED NAME/COMPANY: *[Signature]* DATE: *10 Jan* TIME: *12:30*

3. RECEIVED BY: *[Signature]* DATE: *10 Jan* TIME: *12:30*

PRINTED NAME/COMPANY: *[Signature]* DATE: *10 Jan* TIME: *12:30*

* RUSH TURN-AROUND MAY REQUIRE SURCHARGE

- ☐ Anaheim, California
1250 E. Gene Autry Way
Anaheim, California 92805
(714) 937-1051
(800) 301-1074
- ☐ Long Beach, California
3700 Cherry Avenue
Long Beach, California 90807
(310) 595-8301
(800) 814-3433
- ☐ Denver (Aurora), Colorado
10703 E. Bethany Drive
Aurora, Colorado 80014
(303) 751-1780
(800) 972-2673
- ☐ Casper, Wyoming
420 West 1st Street
Casper, Wyoming 82601
(307) 235-5741
(800) 656-0033
- ☐ Houston, Texas
8210 Morely Road
Houston, Texas 77075
(713) 933-9776
(800) 734-2673
- ☐ Corpus Christi, Texas
1733 North Padre Island Drive
Corpus Christi, Texas 78408
(612) 209-2673
(800) 548-8228
- ☐ Lake Charles, Louisiana
3645 Boggs Parkway
Sulphur, Louisiana 70663
(504) 543-4926
(800) 259-4926



CORE LABORATORIES

No. 10657

CHAIN OF CUSTODY RECORD

30649

CUSTOMER INFORMATION				PROJECT INFORMATION				ANALYSIS / METHOD REQUEST				REMARKS / PRECAUTIONS			
COMPANY: Op Tech				PROJECT NAME/NUMBER:				LAB JOB NO. 94/458							
SEND REQUEST TO: John Morris				BILLING INFORMATION											
ADDRESS: 4000 W Loop 418				BILL TO:											
San Antonio, TX				ADDRESS:											
PHONE: 1-210-731-0000				PHONE:											
FAX: 1-210-731-0004				FAX:											
PO NO.:															
SAMPLE NO.	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	NUMBER OF CONTAINERS								
(21) BGLS 01-11 15'		10 June	09:40	S	SS-2	NO	2	✓	✓	✓	✓	✓	✓	✓	MS/MSA
(22) AASL-04 5'		10 June	10:50	S	SS-2	NO	2	✓	✓	✓	✓	✓	✓	✓	
(23) Trip		10 June		SN		Y	2	✓	✓	✓	✓	✓	✓	✓	
SHIPMENT METHOD: <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS <input type="checkbox"/> ROUTINE <input type="checkbox"/> OTHER See contract															
AIRBILL NO.:															
REQUIRED TURNAROUND: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HOURS <input type="checkbox"/> 48 HOURS															
1. RELINQUISHED BY: John Morris				2. RELINQUISHED BY: John Morris				3. RELINQUISHED BY: John Morris							
DATE: 10 June				DATE: 10 June				DATE: 10 June							
SIGNATURE: John Morris				SIGNATURE: John Morris				SIGNATURE: John Morris							
PRINTED NAME/COMPANY: John Morris				PRINTED NAME/COMPANY: John Morris				PRINTED NAME/COMPANY: John Morris							
TIME: 17:30				TIME: 17:30				TIME: 17:30							
1. RECEIVED BY: John Morris				2. RECEIVED BY: John Morris				3. RECEIVED BY: John Morris							
DATE: 6/10				DATE: 6/10				DATE: 6/10							
SIGNATURE: John Morris				SIGNATURE: John Morris				SIGNATURE: John Morris							
PRINTED NAME/COMPANY: John Morris				PRINTED NAME/COMPANY: John Morris				PRINTED NAME/COMPANY: John Morris							
TIME: 5:30				TIME: 5:30				TIME: 5:30							

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

☐ Anaheim, California

1250 E. Gene Autry Way
Anaheim, California 92805
(714) 937-1094
(800) 814-3433

☐ Long Beach, California

3700 Cherry Avenue
Long Beach, California 90807
(310) 595-8401
(800) 814-3433

☐ Denver (Aurora), Colorado

10703 E. Bethany Drive
Aurora, Colorado 80014
(303) 751-1789
(800) 972-2673

☐ Casper, Wyoming

420 West 1st Street
Casper, Wyoming 82601
(307) 235-5411
(800) 666-0603

☐ Houston, Texas

8210 Mosely Road
Houston, Texas 77075
(713) 943-9776
(800) 734-2673

☐ Corpus Christi, Texas

1733 North Padre Island Drive
Corpus Christi, Texas 78408
(512) 289-2673
(800) 518-8228

☐ Lake Charles, Louisiana

3645 Beglis Parkway
Sulphur, Louisiana 70663
(318) 583-4926
(800) 259-4926

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION			PROJECT INFORMATION			ANALYSIS / METHOD			REMARKS / PRECAUTIONS		
COMPANY:	OPTech		PROJECT NAME/NUMBER:			<div style="transform: rotate(-45deg);"> ANALYSIS / METHOD REQUEST 82270 M.L. 15.5 8015 </div>					
SEND REPORT TO:	John Moore		BILLING INFORMATION								
ADDRESS:	4100 NW 60th 410 San Antonio TX		BILL TO:								
PHONE:	210-731-0000		ADDRESS:								
FAX:	210-731-0008		PO NO.:								
SAMPLE NO.	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.					
26 (24)	Resate #1	10/20/01	6:30	W	GLP	Yes					
27 (24)	Resate #2	10/20/01	6:30	W	GLP	Yes					
28 (26)	TRIP #3	10/20/01		W	G	Yes					
1. RELINQUISHED BY: <u>John Moore</u> <u>10/20/01</u> <u>17:30</u> SIGNATURE: <u>[Signature]</u> DATE: <u>10/20/01</u> TIME: <u>17:30</u> PRINTED NAME/COMPANY: <u>John Moore</u> 2. RECEIVED BY: <u>[Signature]</u> <u>10/20/01</u> <u>17:30</u> SIGNATURE: <u>[Signature]</u> DATE: <u>10/20/01</u> TIME: <u>17:30</u> PRINTED NAME/COMPANY: <u>[Signature]</u>											
3. RELINQUISHED BY: <u>[Signature]</u> <u>10/20/01</u> <u>17:30</u> SIGNATURE: <u>[Signature]</u> DATE: <u>10/20/01</u> TIME: <u>17:30</u> PRINTED NAME/COMPANY: <u>[Signature]</u>											

LAB JOB NO.
 941458

ANALYSIS / METHOD
 REQUEST
 82270
 M.L. 15.5
 8015

AIRBILL NO.:
 See Contract

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

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☐ Anaheim, California

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1250 E. Gene Autry Way
Anaheim, California 92805
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Long Beach, California
3700 Cherry Avenue
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Denver (Aurora), Colorado
10703 E. Bethany Drive
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1

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420 West 1st Street
Casper, Wyoming 82601
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Houston, Texas 77075
(713) 943-9776

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Corpus Christi, Texas
1733 North Padre Island Drive
Corpus Christi, Texas 78408
(512) 298-2572

[illegible]

**Lake Charles, Louisiana
3645 Beglis Parkway
Sulphur, Louisiana 70663**

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